



# Component LED



## LED DISPLAY DIGITAL DISPLAY

- Dashboard
- Elevator Floor Indicator
- Home appliance
- Power meter
- Medical device
- Weighing scale



光鼎電子股份有限公司

PARA LIGHT ELECTRONICS CO., LTD

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INNOVATE  
COOPERATION  
INTEGRITY  
EVELOPMENT

Chairman Mr. David Ma  
Capital USD 37 million  
No. of Employee 676

## OUR HISTORY

PARA LIGHT was founded in 1987, and listed on Taiwan Stock Exchange (TWSE) in 2008 (ticker number 6226).

PARA LIGHT is now one of the global leaders in LED Design and Manufacturing. 9 years ago, PARA LIGHT established the first OPTICAL LAB, by which PARA LIGHT is able to provide Optical Solutions, and also expands our services to LED MODULE Design and Manufacturing.

PARA LIGHT's manufacturing facilities are located in China (Nanjing and Lianyungan), and Myanmar (Yangon), certified with ISO 14001, ISO 9001, and IATF 16949. PARA LIGHT produces high quality products complied to REACH and RoHS standard.

Sales offices are based in Taiwan, China, USA and India. Our sales team and certified distributors are located around the world to provide immediate services and prompt delivery to the customers.

Adhering to the enterprise philosophy of "customer first, service quality, creativity reality, skillfulness technique has always been the mission statement at the Para Light Electronics.

# CATALOG

## Digit Series

|              |    |
|--------------|----|
| Single Digit | 07 |
| Dual Digit   | 19 |
| Three Digit  | 26 |
| Four Digit   | 31 |
| Five Digit   | 35 |

## Alpha-Numeric Series

|              |    |
|--------------|----|
| Single Color | 39 |
|--------------|----|

## Light Bar Array Series

|              |    |
|--------------|----|
| Single Color | 45 |
|--------------|----|

# CATALOG

## Dot Matrix Series

|              |    |
|--------------|----|
| Single Color | 49 |
| Dual Color   | 55 |

## SMT Series

|              |    |
|--------------|----|
| Single Digit | 59 |
| Dual Digit   | 63 |
| Three Digit  | 66 |

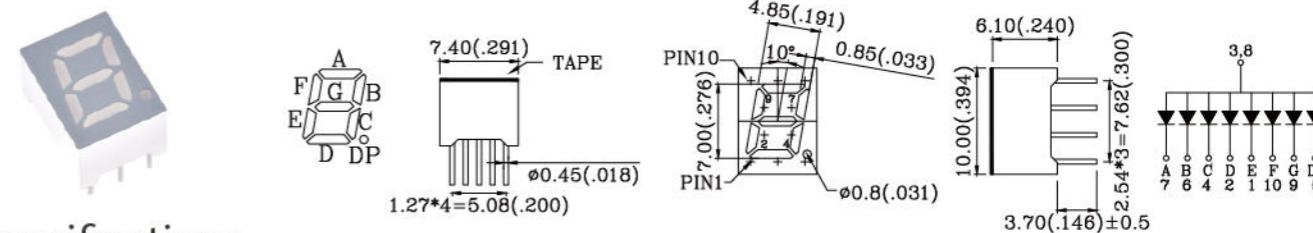


# Digit Series Applications

- ◆ Dashboard
- ◆ Elevator Floor
- ◆ Indicator
- ◆ Home appliance
- ◆ Power meter
- ◆ Medical device
- ◆ Weighing scale



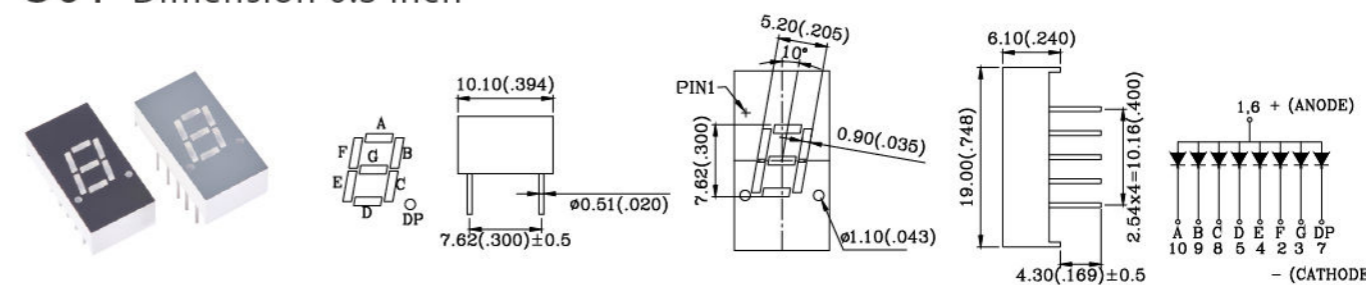
## 2A1 Dimension 0.28 inch



### Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_f$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN     |              |                                       |  |                            | Typ.         | Max. |
| A2A1G        | DMA12G179G  | Yellow Green | 570                                   | 1.6                                      | 10                         | 2.1          | 2.5  |
| A2A1LR       | DRA12LR185G | Super Red    | 630                                   | 8  | 20                         | 2.0          | 2.3  |
| A2A1SR       | DLA12SR095G | Hyper Red    | 640                                   | 10                                       | 10                         | 1.9          |      |

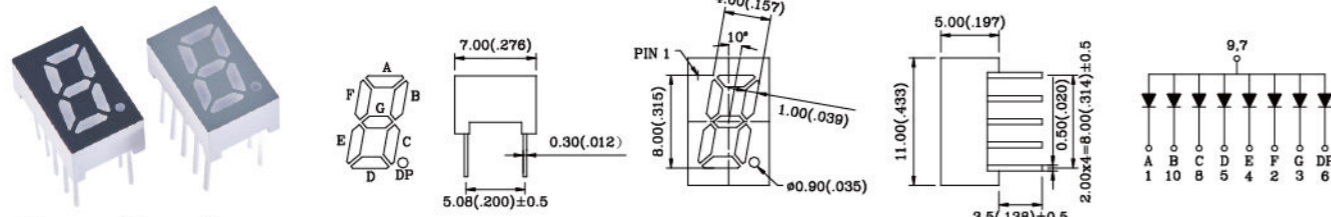
## 301 Dimension 0.3 inch



### Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_f$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A301G        | DVA13G013G   | Yellow Green | 570                                   | 1.6                                      | 20                         | 2.0          | 2.4  |
| C301LR1      | DSC13LR1024G | Super Red    | 630                                   | 15                                       | 20                         | 2.1          | 2.3  |
| A301SR       | DHA13SR366   | Hyper Red    | 640                                   | 5  | 10                         | 1.9          | 2.3  |

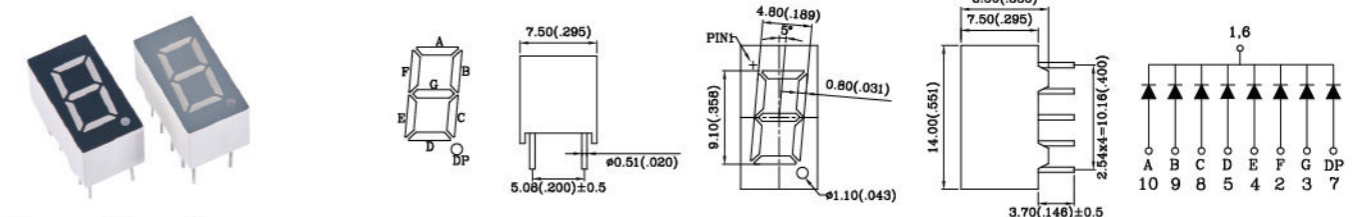
### 311 Dimension 0.31 inch



#### Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A311G        | DOA13G137G   | Yellow Green | 570                                   | 1.6                                      | 10                         | 2.0          | 2.4  |
| A311LES      | DPA13LES260G | Amber        | 605                                   | 67                                       | 20                         | 2.0          | 2.3  |
| A311SR       | DKA13SR053G  | Hyper Red    | 640                                   | 5  | 10                         | 1.9          | 2.3  |

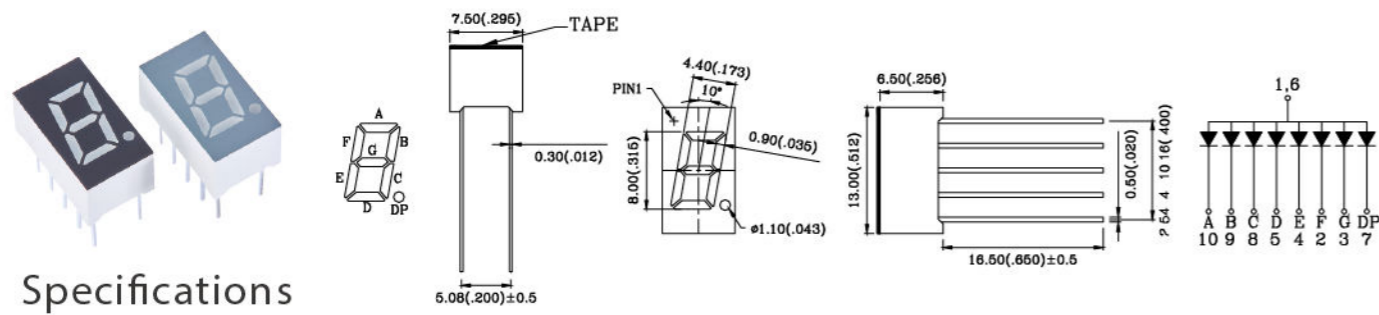
### 361 Dimension 0.36 inch



#### Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A361G        | DPA13G080G   | Yellow Green | 570                                   | 1.8                                      | 10                         | 2.0          | 2.4  |
| A361LY1      | DOA13LY1082G | Yellow       | 587                                   | 21                                       | 20                         | 2.1          | 2.4  |
| A361SR       | DJA13SR278   | Hyper Red    | 640                                   | 5  | 10                         | 1.9          | 2.3  |

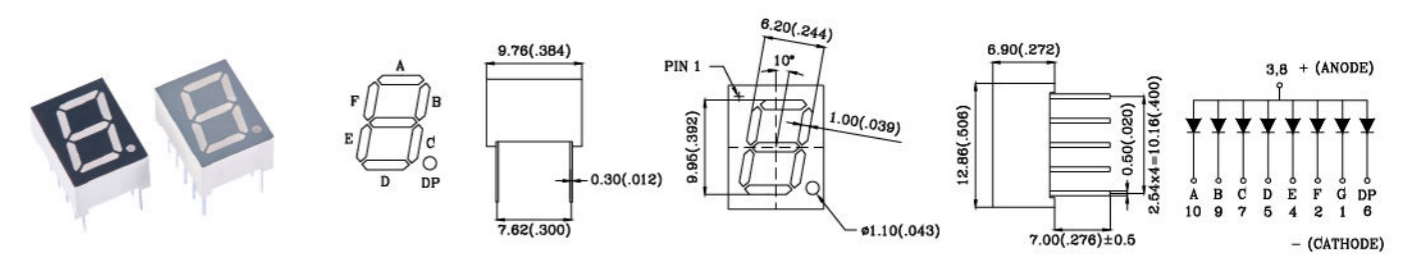
### 321 Dimension 0.32 inch



#### Specifications

| Common Anode |               | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|---------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN       |              |                                       |  |                            | Typ.         | Max. |
| A321UB       | DLA13B167G    | Blue         | 465                                   | 12                                       | 10                         | 3.0          | 3.5  |
| A321G        | DOA13G063G    | Yellow Green | 570                                   | 1.6                                      | 10                         | 2.0          | 2.3  |
| A321LR       | DNA13LR062G   | Super Red    | 630                                   | 18                                       | 20                         | 2.0          | 2.6  |
| A321SR       | DOA13SR123G   | Hyper Red    | 640                                   | 5  | 10                         | 1.9          | 2.3  |
| A321LPG6     | DNA13LPG6063G | Green        | 530                                   | 25                                       | 10                         | 2.9          | 3.3  |

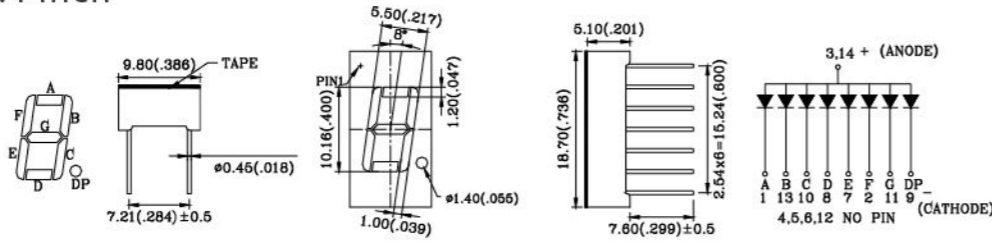
### 391 Dimension 0.39 inch



#### Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A391UB       | DRA13UB015G  | Blue         | 465                                   | 16                                       | 10                         | 2.9          | 3.3  |
| A391G        | DNA13G059G   | Yellow Green | 570                                   | 1.6                                      | 10                         | 2.0          | 2.4  |
| C391LE1      | DPC13LE1186G | Orange       | 620                                   | 16                                       | 20                         | 2.1          | 2.3  |
| A391SR       | DKA13SR035G  | Hyper Red    | 640                                   | 8  | 10                         | 1.9          | 2.3  |

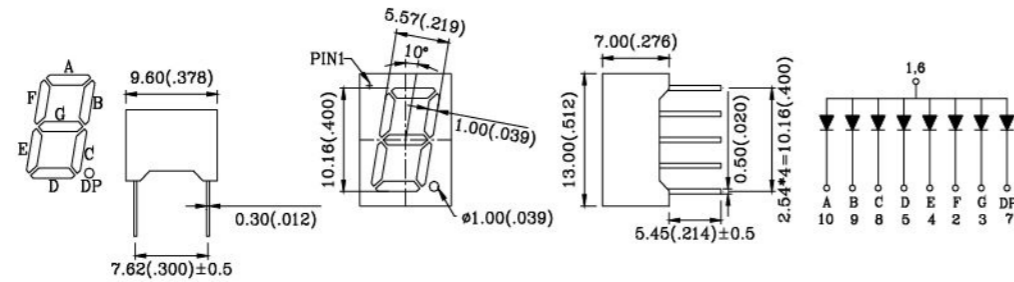
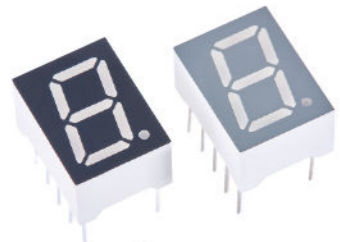
401 Dimension 0.4 inch



Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN     |              |                                       |  |                            | Typ.         | Max. |
| A401UB       | DKA13UB106  | Blue         | 465                                   | 15                                       | 10                         | 3.0          | 3.5  |
| A401G        | DLA14G180G  | Yellow Green | 570                                   | 2.0                                      |                            | 2.0          | 2.4  |
| A401LR       | DWA13LE069G | Super Red    | 630                                   | 10                                       | 20                         | 2.1          | 2.3  |
| A401SR       | DQA14SR215G | Hyper Red    | 640                                   | 8  | 10                         | 1.8          | 2.2  |

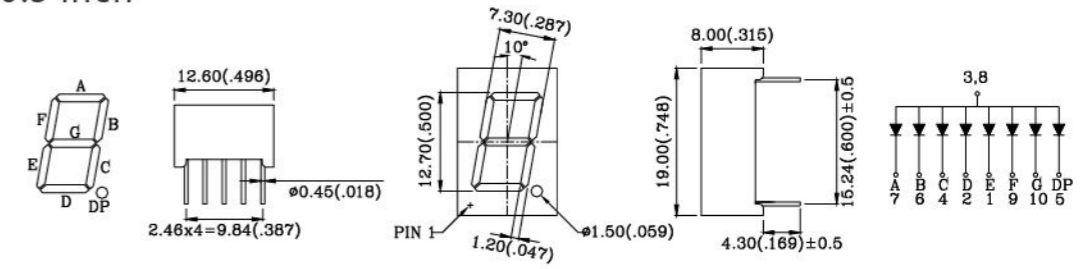
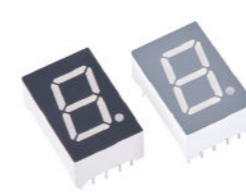
421 Dimension 0.4 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A421UB       | DOA14UB158G  | Blue         | 465                                   | 17                                       | 10                         | 3.0          | 3.5  |
| A421G        | DOA14G040G   | Yellow Green | 570                                   | 1.6                                      |                            | 2.0          | 2.4  |
| A421LR1      | DOA14LR1030G | Super Red    | 630                                   | 21                                       | 20                         | 1.9          | 2.3  |
| A421SR       | DMA14SR016G  | Hyper Red    | 640                                   | 10                                       | 10                         | 1.9          | 2.3  |

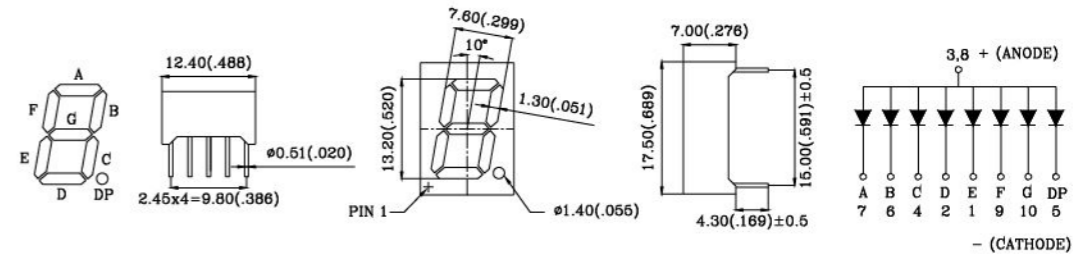
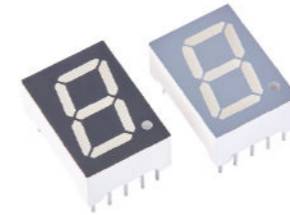
501 Dimension 0.5 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A501UB       | DQA15UB042G  | Blue         | 465                                   | 28                                       | 10                         | 3.0          | 3.5  |
| A501G        | DOA15G118G   | Yellow Green | 570                                   | 2.0                                      |                            | 2.0          | 2.4  |
| A501LR       | DRA15LR1101G | Super Red    | 630                                   | 20                                       | 20                         | 2.0          | 2.3  |
| A501SR       | DKA15SR034G  | Hyper Red    | 640                                   | 11                                       | 10                         | 1.9          | 2.3  |

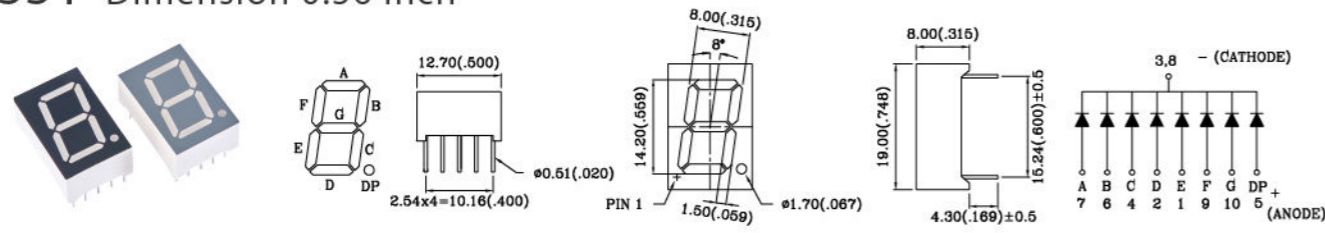
521 Dimension 0.52 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A521UB       | DLA15B005G   | Blue         | 465                                   | 25                                       | 10                         | 3.0          | 3.5  |
| A521G        | DAG1G342     | Yellow Green | 570                                   | 2.0                                      |                            | 2.0          | 2.4  |
| A521LR1      | DJA15LR1012G | Super Red    | 631                                   | 21                                       | 20                         | 2.1          | 2.3  |
| A521SR       | DAG1R157     | Hyper Red    | 640                                   | 10                                       | 10                         | 1.9          | 2.3  |

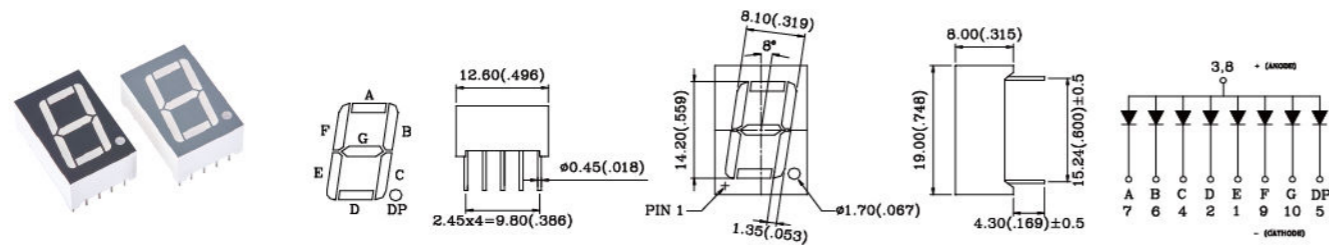
551 Dimension 0.56 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| C551UB       | DCG1B057     | Blue         | 465                                   | 28                                       | 10                         | 3.0          | 3.5  |
| C551G        | DLC15G1136G  | Yellow Green | 570                                   | 2.0                                      |                            | 2.0          | 2.4  |
| A551LES      | DNA15LES084G | Amber        | 605                                   | 75                                       | 20                         | 2.1          | 2.3  |
| C551SR       | DLC15SR089G  | Hyper Red    | 640                                   | 21                                       | 10                         | 1.9          | 2.3  |

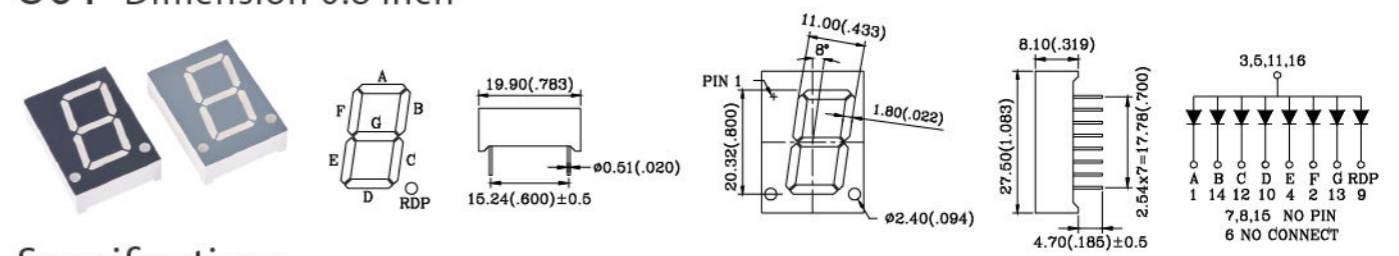
561 Dimension 0.56 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A561UB       | DMA15UB173G  | Blue         | 465                                   | 28                                       | 10                         | 3.0          | 3.5  |
| A561G        | DLA15G092G   | Yellow Green | 570                                   | 2.0                                      |                            | 2.0          | 2.4  |
| A561LR       | DNA15LR1128G | Super Red    | 631                                   | 21                                       | 20                         | 2.0          | 2.4  |
| A561SR       | DQA15SR058G  | Hyper Red    | 640                                   | 21                                       | 10                         | 1.9          | 2.3  |

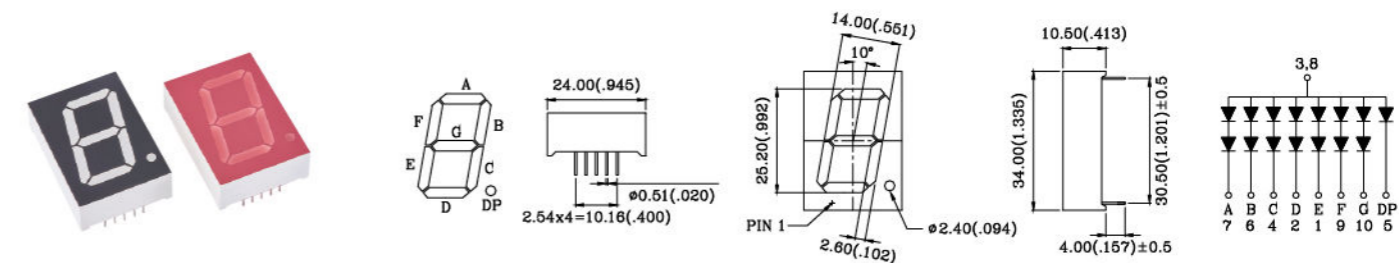
801 Dimension 0.8 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A801G        | DAH1G037     | Yellow Green | 570                                   | 3.0                                      | 10                         | 2.0          | 2.4  |
| A801HUR      | DQA18HUR126G | Super Red    | 630                                   | 23                                       | 20                         | 2.0          | 2.3  |
| A801SR       | DMA18SR126GJ | Hyper Red    | 640                                   | 21                                       | 10                         | 1.9          | 2.3  |

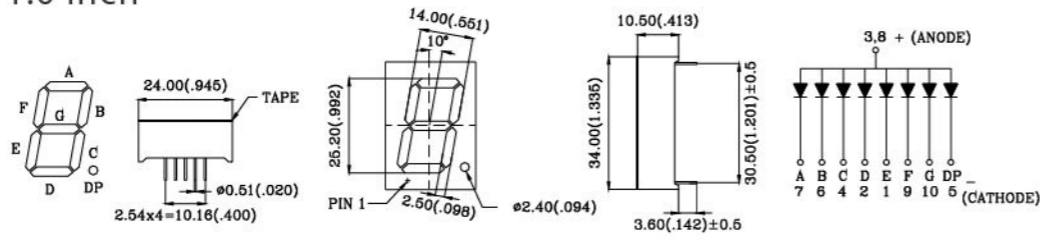
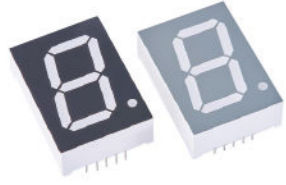
1001 Dimension 1.0 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A1001UB      | DLA1AUB038GA | Blue         | 465                                   | 5.2                                      | 10                         | 6.0          | 7.0  |
| A1001G       | DVA1AG009G   | Yellow Green | 570                                   | 4.0                                      |                            | 4.0          | 4.8  |
| A1001LY1     | DKA1ALY1054G | Yellow       | 590                                   | 32                                       | 20                         | 4.0          | 5.0  |
| A1001SR      | DVA1ASR011G  | Hyper Red    | 640                                   | 40                                       | 10                         | 3.6          | 4.4  |

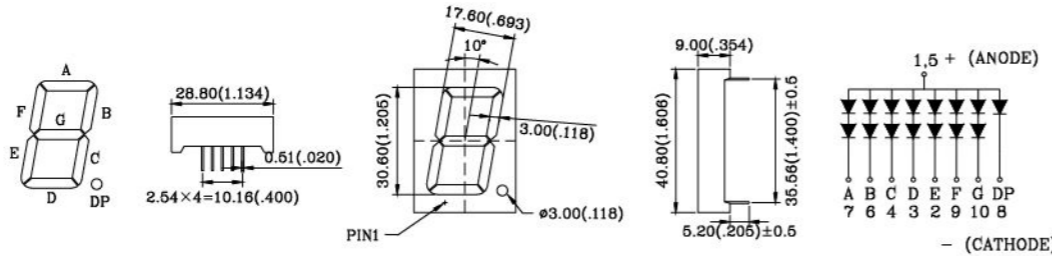
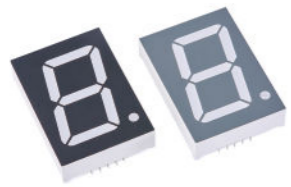
1061 Dimension 1.0 inch



Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN     |              |                                       |  |                            | Typ.         | Max. |
| A1061G       | DAH1G052    | Yellow Green | 570                                   | 40                                       | 10                         | 2.0          | 2.4  |
| A1061UB      | DMA1AUB025G | Blue         | 462                                   | 28                                       |                            | 2.9          | 3.3  |
| A1061SR      | DNA1ASR131G | Hyper Red    | 640                                   | 20                                       |                            | 1.9          | 2.3  |

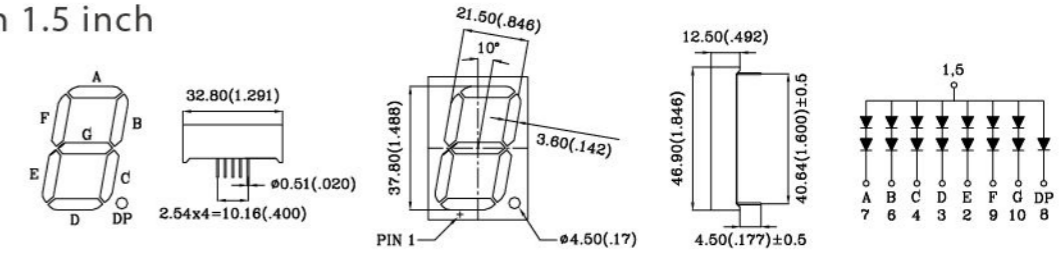
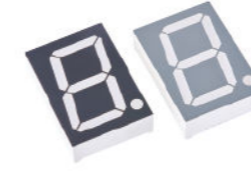
1201 Dimension 1.2 inch



Specifications

| Common Anode |                | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|----------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN        |              |                                       |  |                            | Typ.         | Max. |
| A1201UB      | DOA1AUB191G    | Blue         | 465                                   | 48                                       | 10                         | 6.0          | 7.0  |
| A1201G       | DVA1AG016G     | Yellow Green | 570                                   | 4.0                                      |                            | 4.0          | 4.8  |
| C1201LPG6    | DNC1ALPG6044GA | Green        | 525                                   | 120                                      |                            | 5.8          | 6.6  |
| A1201SR      | DOA1ASR012G    | Hyper Red    | 640                                   | 40                                       |                            | 3.6          | 4.4  |

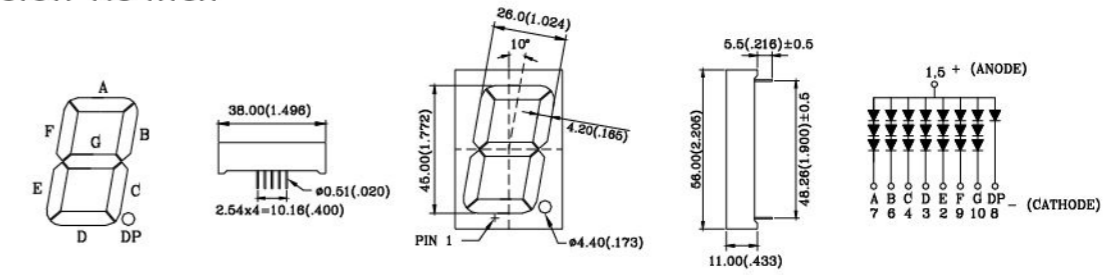
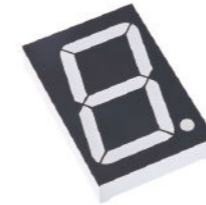
1501 Dimension 1.5 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A1501G       | DVA1AG017G   | Yellow Green | 570                                   | 4  | 10                         | 4.0          | 4.8  |
| A1501LR2     | DJA1ALR2231  | Super Red    | 631                                   | 30                                       |                            | 2.0          | 2.3  |
| A1501SR      | DMA1ASR161GJ | Hyper Red    | 640                                   | 40                                       |                            | 3.6          | 4.4  |

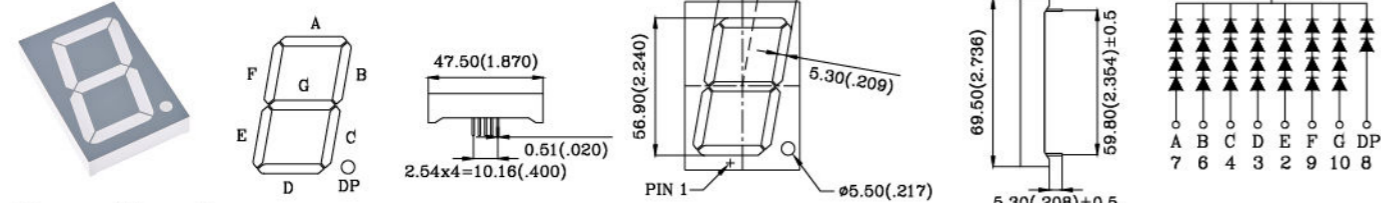
1801 Dimension 1.8 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A1801UB      | DOA1AUB065G  | Blue         | 465                                   | 42                                       | 10                         | 9.0          | 10.5 |
| A1801G       | DMA1AG023G   | Yellow Green | 570                                   | 5.2                                      |                            | 6.0          | 7.2  |
| A1801HUR     | DOA1AHUR002G | Super Red    | 630                                   | 85                                       |                            | 6.0          | 6.9  |
| A1801SR      | DJA1ASR225   | Hyper Red    | 640                                   | 25                                       |                            | 5.4          | 6.6  |

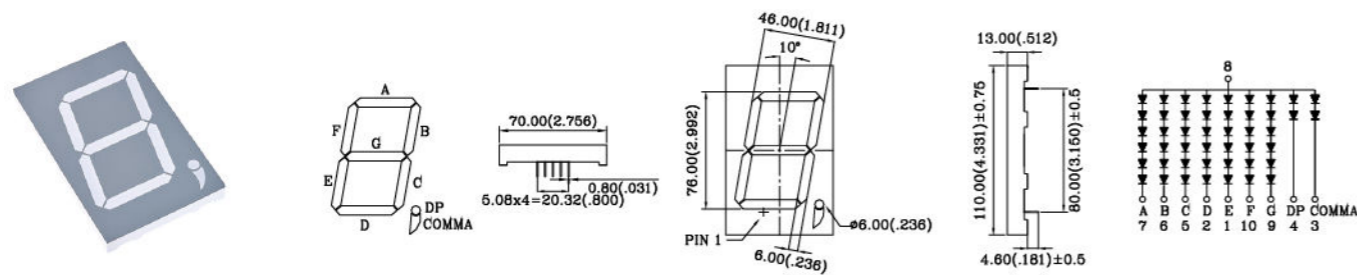
2301 Dimension 2.3 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A2301UB      | DSA1AUB250GA | Blue         | 465                                   | 160                                      | 10                         | 12.0         | 14.0 |
| A2301G       | DPC1AG246G   | Yellow Green | 570                                   | 5.5                                      |                            | 8.0          | 9.6  |
| A2301LY4     | DRA1ALY4091G | Yellow       | 587                                   | 100                                      | 20                         | 8.0          | 9.2  |
| A2301SR      | DRA1ASR189GA | Hyper Red    | 640                                   | 50                                       | 10                         | 7.2          | 8.8  |

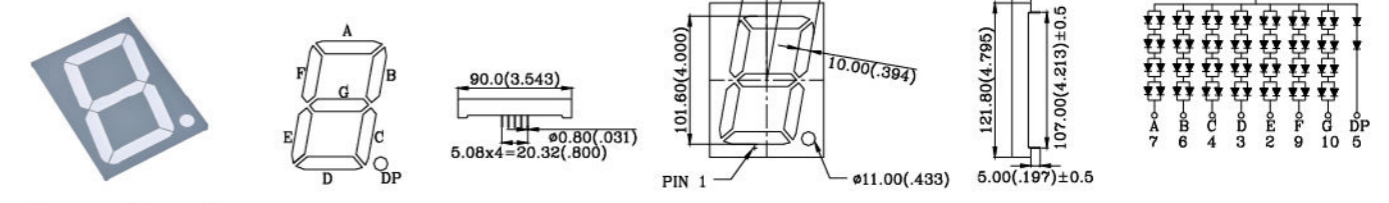
3001 Dimension 3.0 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A3001UB      | DPA1AUB042G  | Blue         | 465                                   | 67                                       | 10                         | 17.4         | 19.8 |
| A3001G       | DAG1G563     | Yellow Green | 570                                   | 5.4                                      |                            | 12.0         | 14.4 |
| A3001LR2     | DJA1ALR2242  | Super Red    | 631                                   | 50                                       | 20                         | 12.0         | 13.8 |
| A3001SR      | DMA1ASR163GJ | Hyper Red    | 640                                   | 42                                       | 10                         | 4.8          | 13.2 |

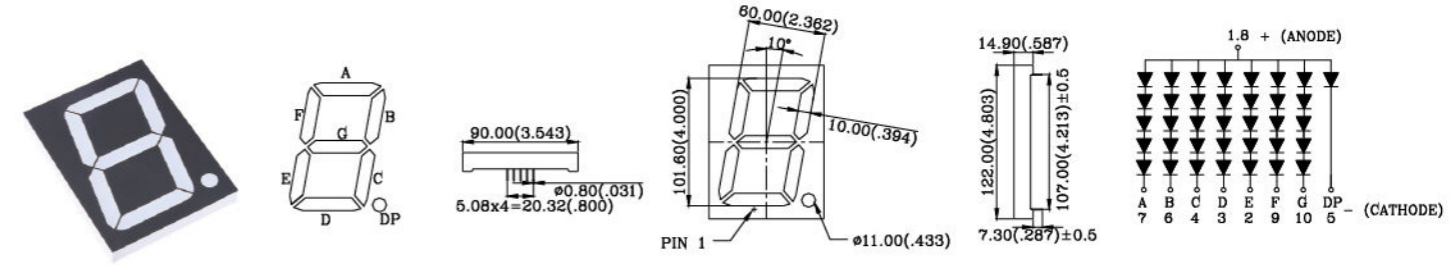
4001 Dimension 4.0 inch



Specifications

| Common Anode |               | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|---------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN       |              |                                       |  |                            | Typ.         | Max. |
| A4001UB      | DSA1AUB249GA  | Blue         | 465                                   | 220                                      | 10                         | 11.6         | 13.2 |
| A4001G       | DVA1AG021G    | Yellow Green | 570                                   | 9  |                            | 8.0          | 9.6  |
| A4001LPG6    | DPA1ALPG6139G | Green        | 630                                   | 150                                      | 20                         | 14.0         | 16.0 |
| A4001SR      | DRA1ASR199GA  | Hyper Red    | 640                                   | 60                                       | 10                         | 7.2          | 8.8  |
| A4001LY4     | DRA1ALY4090G  | Yellow       | 587                                   | 140                                      | 20                         | 10.0         | 12.0 |

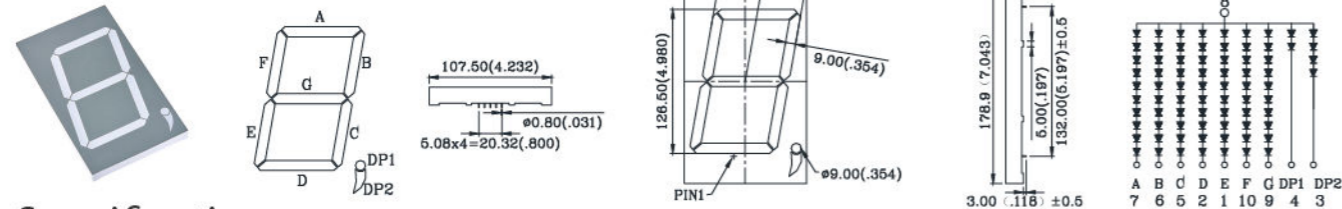
4001-5 Dimension 4.0 inch



Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN     |              |                                       |  |                            | Typ.         | Max. |
| A4001UB-5    | DVA1AUB023G | Blue         | 465                                   | 220                                      | 10                         | 14.5         | 16.5 |
| A4001G-5     | DVA1AG024G  | Yellow Green | 570                                   | 8  |                            | 10.0         | 12.0 |
| A4001SR-5    | DVA1ASR026G | Hyper Red    | 640                                   | 50                                       | 9.0                        | 11.0         |      |

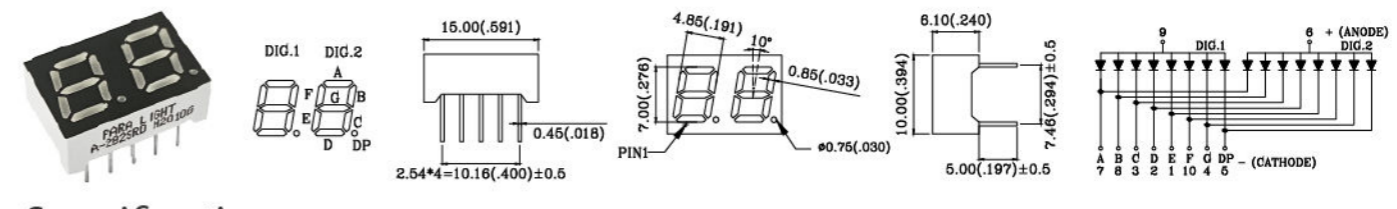
5001 Dimension 5.0 inch



Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_f$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN     |              |                                       |  |                            | Typ.         | Max. |
| A5001G       | DMA1AG159GA | Yellow Green | 570                                   | 30                                       | 10                         | 20.0         | 24.0 |
| A5001LR2     | DJA1ALR2250 | Super Red    | 631                                   | 80                                       | 20                         | 20.0         | 23.0 |
| A5001SR      | DAG1R197    | Hyper Red    | 640                                   | 60                                       | 10                         | 18.0         | 22.0 |

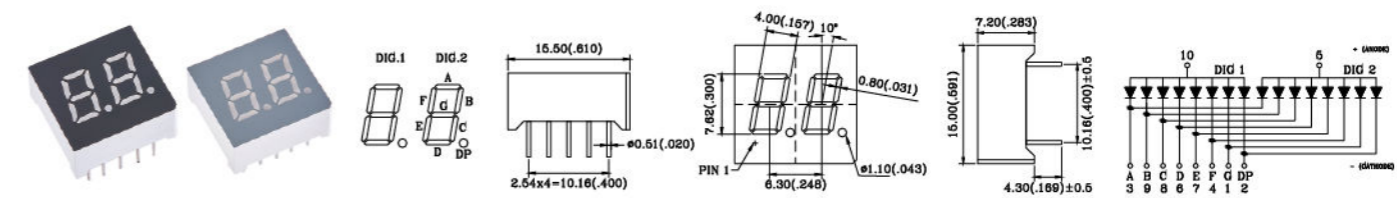
282 Dimension 0.28 inch



Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_f$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN     |              |                                       |  |                            | Typ.         | Max. |
| A282UB       | DLA22UB249G | Blue         | 465                                   | 15                                       | 10                         | 3.0          | 3.5  |
| A282G        | DUA22G002G  | Yellow Green | 570                                   | 1.6                                      |                            | 2.0          | 2.6  |
| A282LR       | DUA22LR004G | Super Red    | 630                                   | 9  | 20                         | 2.0          | 2.4  |
| C282SR       | DTC22SR093G | Hyper Red    | 640                                   | 6  | 10                         | 1.9          | 2.3  |

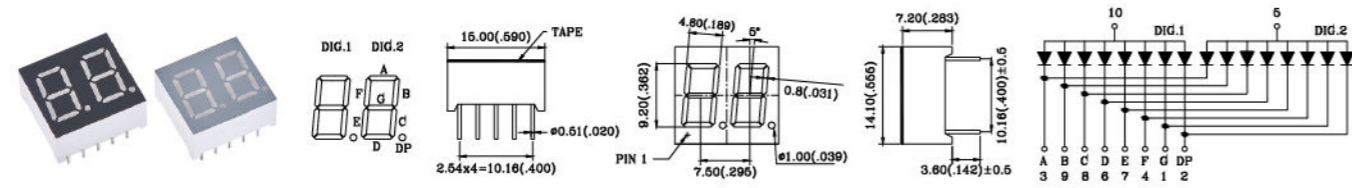
302 Dimension 0.3 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_f$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A302G        | DOA23G177G   | Yellow Green | 570                                   | 1.6                                      | 10                         | 2.0          | 2.4  |
| C302LES      | DRC23LES063G | Amber        | 603                                   | 18                                       | 20                         | 2.0          | 2.4  |
| A302SR       | DSA23SR120G  | Hyper Red    | 640                                   | 5  | 10                         | 1.8          | 2.2  |

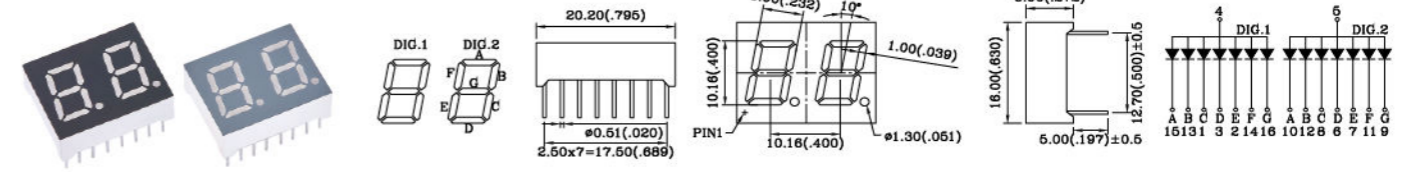
362 Dimension 0.36 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A362UB       | DJA23UB156   | Blue         | 465                                   | 10                                       | 10                         | 3.0          | 3.5  |
| A362G        | DAG2G269     | Yellow Green | 570                                   | 10                                       |                            | 2.0          | 2.4  |
| A362LR1      | DOA23LR1106G | Super Red    | 631                                   | 7  | 20                         | 2.0          | 2.3  |
| A362SR       | DRA23SR162G  | Hyper Red    | 640                                   | 8  | 10                         | 1.9          | 2.3  |

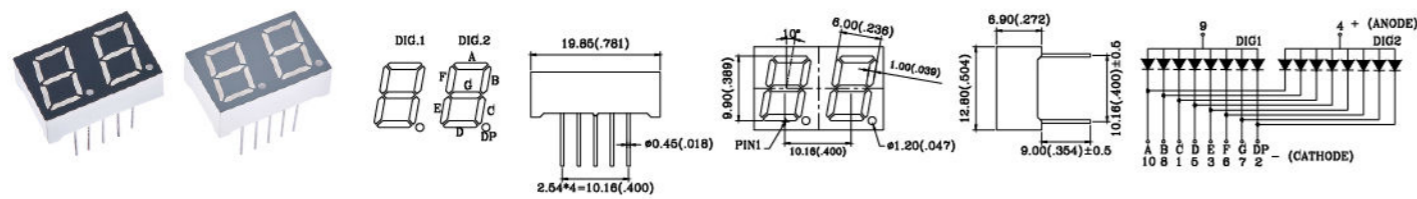
402 Dimension 0.4 inch



Specifications

| Common Anode |               | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|---------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN       |              |                                       |  |                            | Typ.         | Max. |
| A402UB       | DAG2B351      | Blue         | 465                                   | 15                                       | 10                         | 3.0          | 3.5  |
| A402G        | DPA24G093G    | Yellow Green | 570                                   | 2  |                            | 2.0          | 2.4  |
| A402LPG6     | DOA24LPG6034G | Green        | 530                                   | 50                                       | 20                         | 2.9          | 3.3  |
| A402SR       | DMA24SR112G   | Hyper Red    | 640                                   | 21                                       | 10                         | 1.9          | 2.3  |

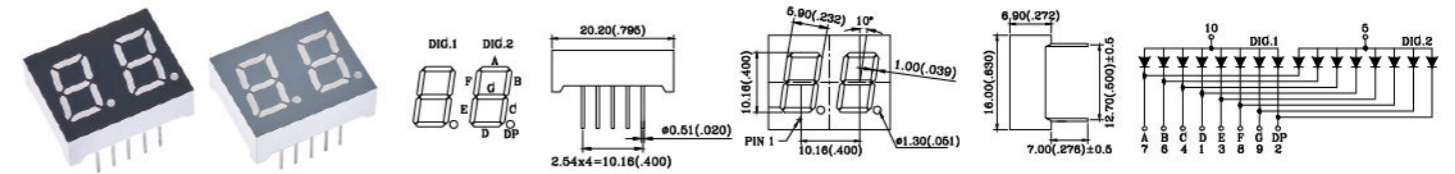
392 Dimension 0.39 inch



Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN     |              |                                       |  |                            | Typ.         | Max. |
| A392UB       | DPA23UB241G | Blue         | 465                                   | 10                                       | 10                         | 3.0          | 3.5  |
| A392G        | DMA23G021G  | Yellow Green | 570                                   | 1.6                                      |                            | 2.0          | 2.4  |
| A392LR       | DTA23LR162G | Super Red    | 633                                   | 8  | 20                         | 1.9          | 2.3  |
| A392SR       | D062R019    | Hyper Red    | 640                                   | 8  | 10                         | 1.9          | 2.3  |

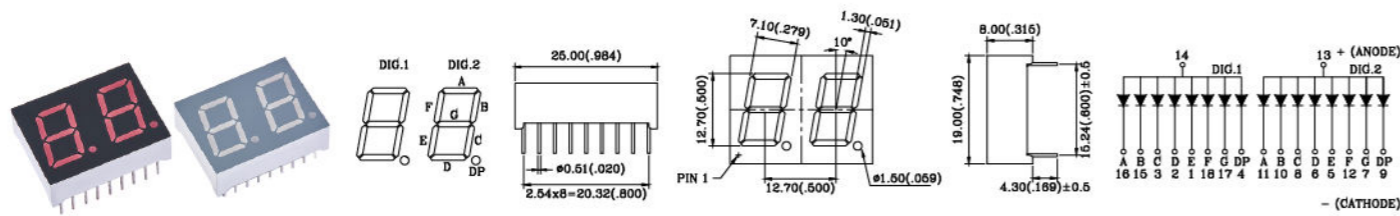
402-10 Dimension 0.4 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A402UB-10    | DNA24UB021G  | Blue         | 465                                   | 15                                       | 10                         | 3.0          | 3.5  |
| A402G-10     | DPA24G231G   | Yellow Green | 570                                   | 2  |                            | 2.0          | 2.4  |
| A402LR1      | DOA24LR1027G | Super Red    | 631                                   | 8  | 20                         | 1.9          | 2.3  |
| A402SR-10    | DAG2R045     | Hyper Red    | 640                                   | 10                                       | 10                         | 1.9          | 2.3  |

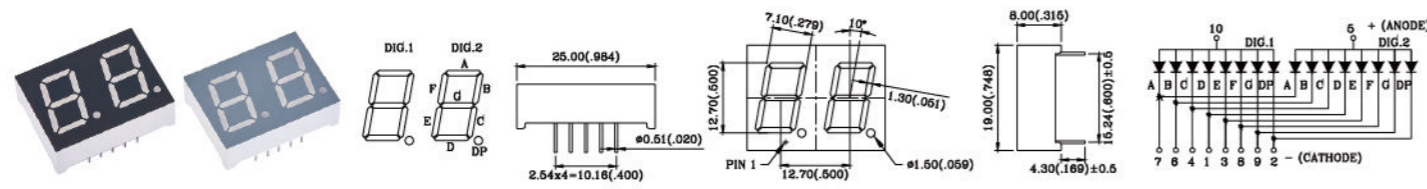
502 Dimension 0.5 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A502UB       | DAH2B013     | Blue         | 465                                   | 28                                       | 10                         | 3.0          | 5.0  |
| A502G        | DAG2G097     | Yellow Green | 570                                   | 2  |                            | 2.0          | 2.4  |
| A502LY1      | DPA25LY1141G | Yellow       | 594                                   | 21                                       | 20                         | 2.1          | 2.4  |
| A502SR       | DOC25SR054G  | Hyper Red    | 640                                   | 21                                       | 10                         | 1.9          | 2.3  |

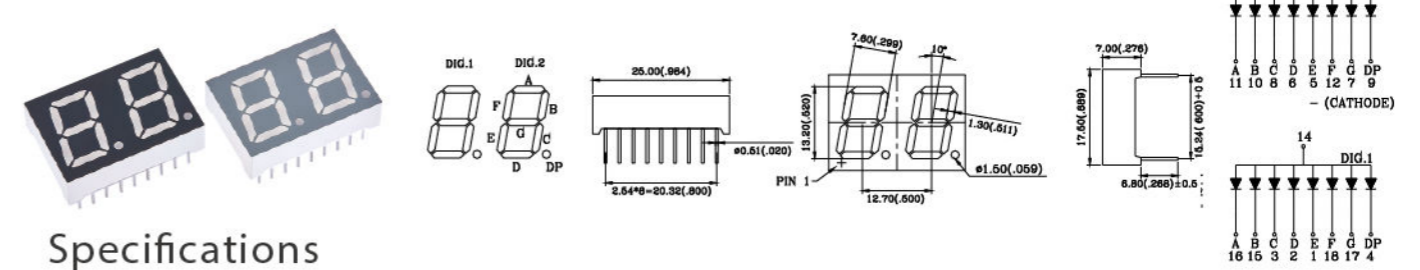
502-10 Dimension 0.5 inch



Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN     |              |                                       |  |                            | Typ.         | Max. |
| A502UB-10    | DTA25UB013G | Blue         | 465                                   | 20                                       | 10                         | 3.0          | 3.5  |
| A502G-10     | DVA25G032G  | Yellow Green | 570                                   | 2  |                            | 2.0          | 2.4  |
| C502DR       | DQC25DR136G | Super Red    | 632                                   | 8  | 20                         | 1.8          | 2.2  |
| A502SR-10    | DPA25SR062G | Hyper Red    | 640                                   | 21                                       | 10                         | 1.9          | 2.3  |

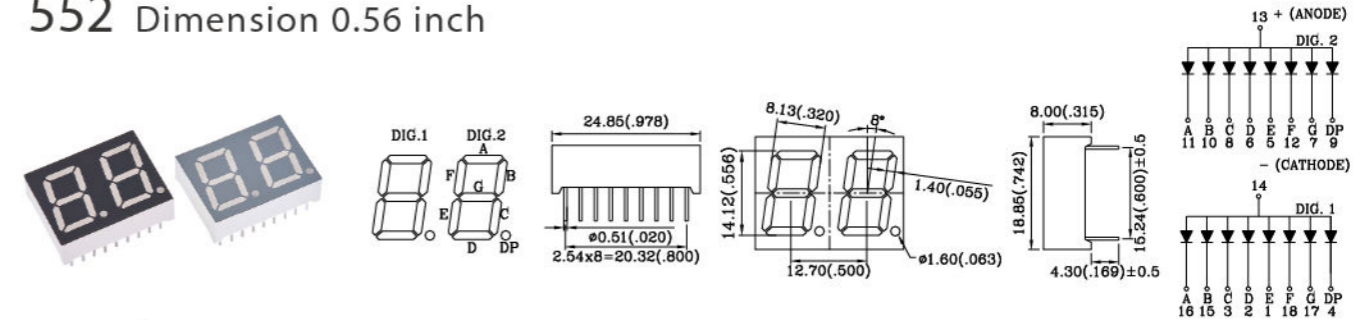
522 Dimension 0.52 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A522G        | DLA25G267G   | Yellow Green | 570                                   | 2  | 10                         | 2.0          | 2.4  |
| A522LES      | DNA25LES015G | Amber        | 610                                   | 18                                       | 20                         | 2.2          | 2.4  |
| A522SR       | DJA25SR192   | Hyper Red    | 640                                   | 21                                       | 10                         | 1.9          | 2.3  |

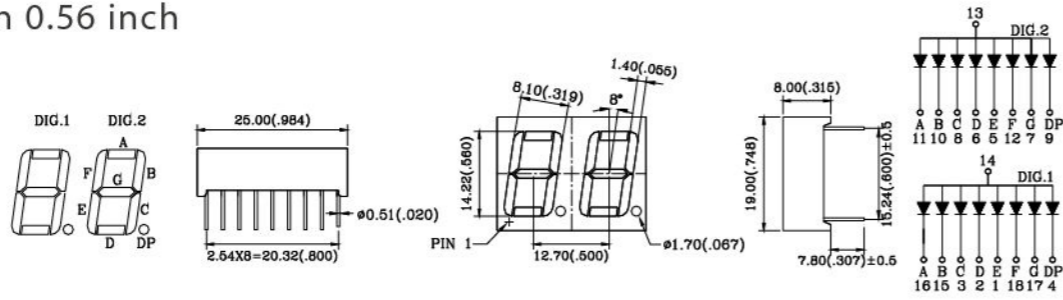
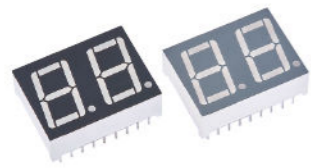
552 Dimension 0.56 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A552G        | DQC25G028G   | Yellow Green | 570                                   | 2  | 10                         | 2.0          | 2.4  |
| A552HUR      | DTA25HUR129G | Super Red    | 630                                   | 35                                       | 20                         | 2.0          | 2.4  |
| A552SR       | DMA25SR156GJ | Hyper Red    | 640                                   | 21                                       | 10                         | 1.9          | 2.3  |

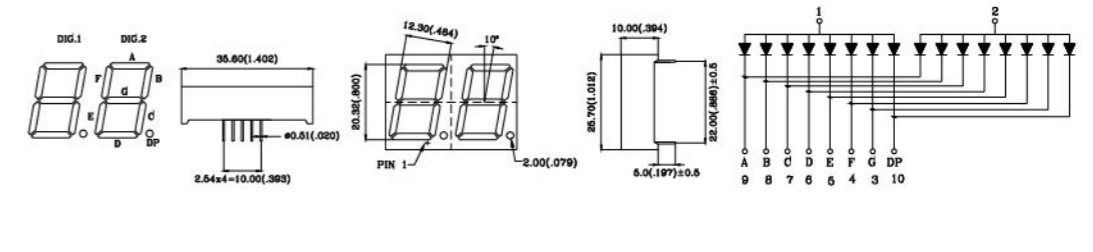
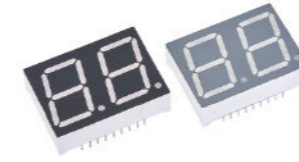
562 Dimension 0.56 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_f$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A562UB       | DQA25UB040G  | Blue         | 465                                   | 28                                       | 10                         | 3.0          | 3.5  |
| A562G        | DOA25G146G   | Yellow Green | 570                                   | 2  |                            | 2.0          | 2.4  |
| A562LE1      | DOA25LE1091G | Super Red    | 631                                   | 24                                       | 20                         | 2.1          | 2.4  |
| A562SR       | DQA25SR061G  | Hyper Red    | 640                                   | 21                                       | 10                         | 1.9          | 2.3  |

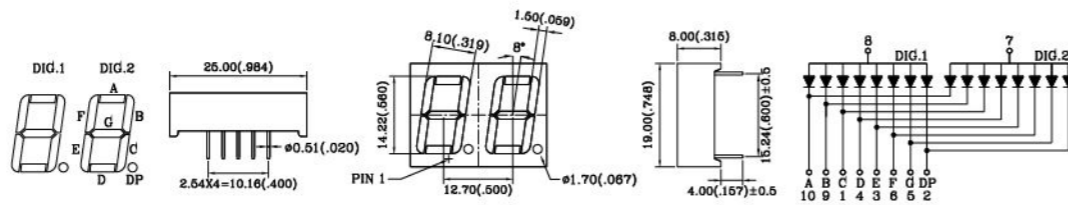
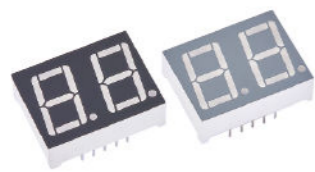
802 Dimension 0.8 inch



Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_f$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN     |              |                                       |  |                            | Typ.         | Max. |
| A802UB       | DQA28UB064G | Blue         | 465                                   | 24                                       | 10                         | 3.0          | 3.5  |
| A802G        | DVA28G034G  | Yellow Green | 570                                   | 3.0                                      |                            | 2.0          | 2.4  |
| A802SR       | DOC28SR151G | Hyper Red    | 640                                   | 21                                       |                            | 1.9          | 2.3  |

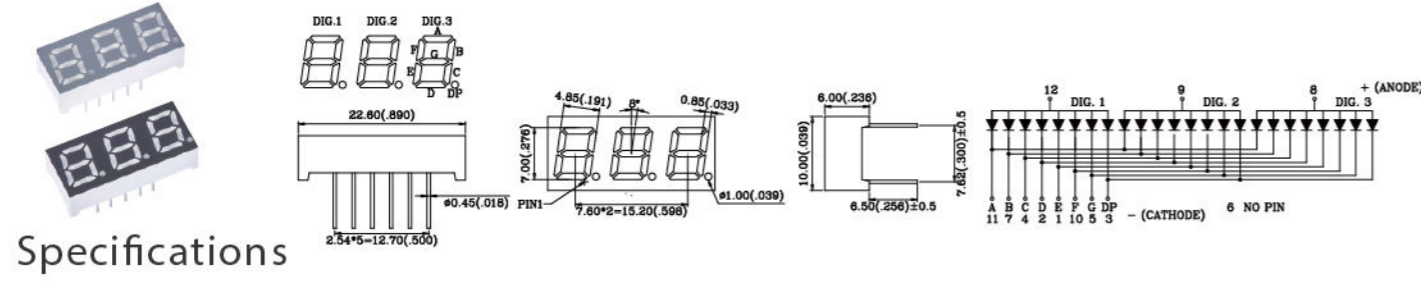
562-10 Dimension 0.56 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_f$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A562UB-10    | DLA25UB063G  | Blue         | 465                                   | 28                                       | 10                         | 3.0          | 3.5  |
| A562G-10     | DKA25G026G   | Yellow Green | 570                                   | 2  |                            | 2.0          | 2.4  |
| C562HUR-10   | DWC25HUR106G | Orange       | 626                                   | 50                                       | 20                         | 2.0          | 2.3  |
| A562SR-10    | DKA25SR001   | Hyper Red    | 640                                   | 21                                       | 10                         | 1.9          | 2.3  |

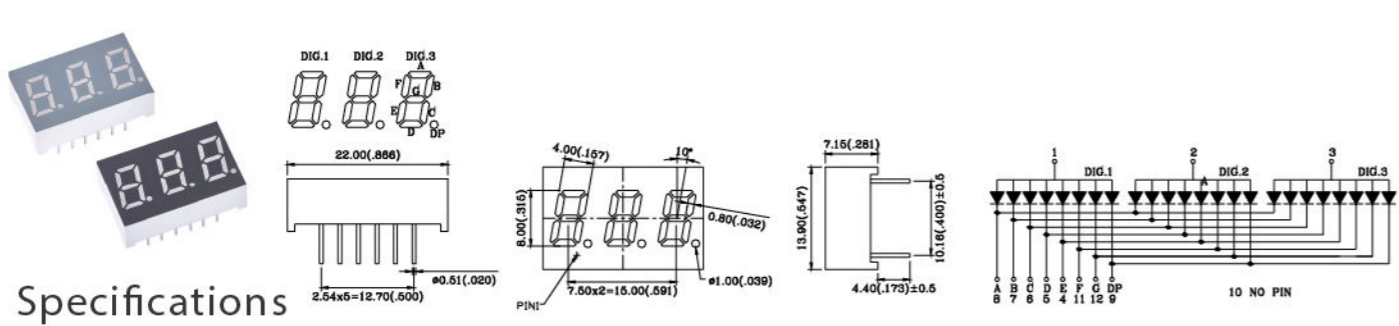
283 Dimension 0.28 inch



Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN     |              |                                       |  |                            | Typ.         | Max. |
| A283G        | DMA32G095G  | Yellow Green | 570                                   | 2  | 10                         | 2.0          | 2.4  |
| A283LR       | DRA32LR210G | Super Red    | 630                                   | 9  | 20                         | 2.0          | 2.4  |
| A283SR       | DSA32SR067G | Hyper Red    | 640                                   | 5  | 10                         | 1.9          | 2.3  |

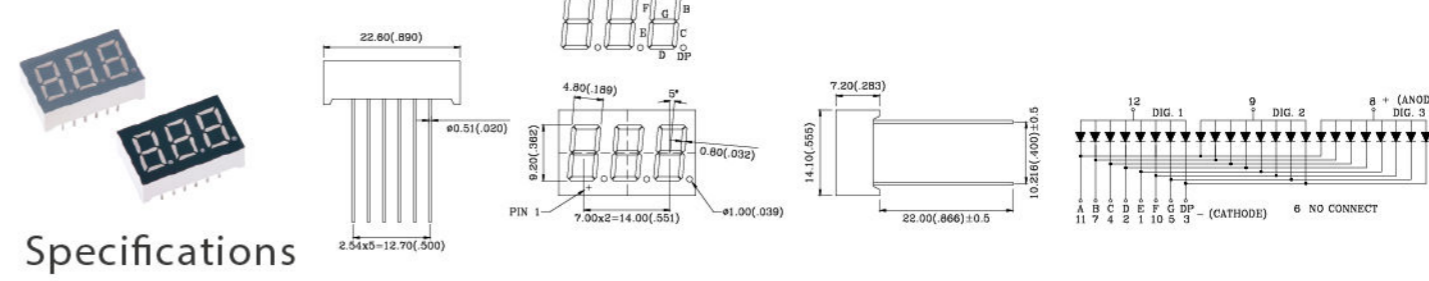
303 Dimension 0.3 inch



Specifications

| Common Anode |               | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|---------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN       |              |                                       |  |                            | Typ.         | Max. |
| A303UB       | DSA33UB030G   | Blue         | 465                                   | 15                                       | 10                         | 3.0          | 3.5  |
| A303G        | DSC33G086G    | Yellow Green | 570                                   | 1.6                                      | 20                         | 2.0          | 2.4  |
| C303LPG6     | DSC33LPG6167G | Green        | 530                                   | 180                                      | 20                         | 2.9          | 3.3  |
| A303SR       | DJA33SR125    | Hyper Red    | 640                                   | 5  | 10                         | 1.9          | 2.3  |

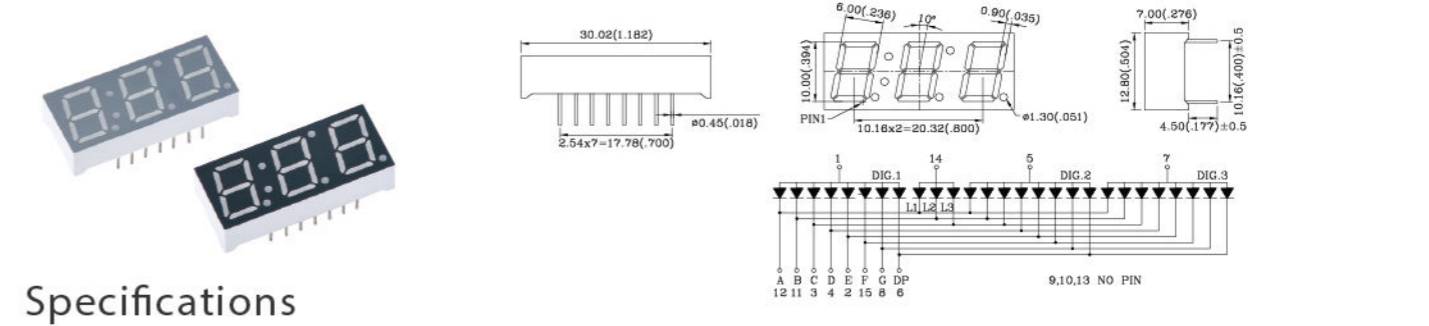
363 Dimension 0.36 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A363UB       | DMA33UB018G  | Blue         | 465                                   | 7  | 10                         | 3.0          | 3.5  |
| A363G        | DKA33G051    | Yellow Green | 570                                   | 1.6                                      | 20                         | 2.0          | 2.4  |
| A363LR1      | DOA33LR1107G | Super Red    | 631                                   | 7  | 20                         | 2.0          | 2.3  |
| A363SR       | DQA33SR244G  | Hyper Red    | 640                                   | 6  | 10                         | 1.9          | 2.3  |

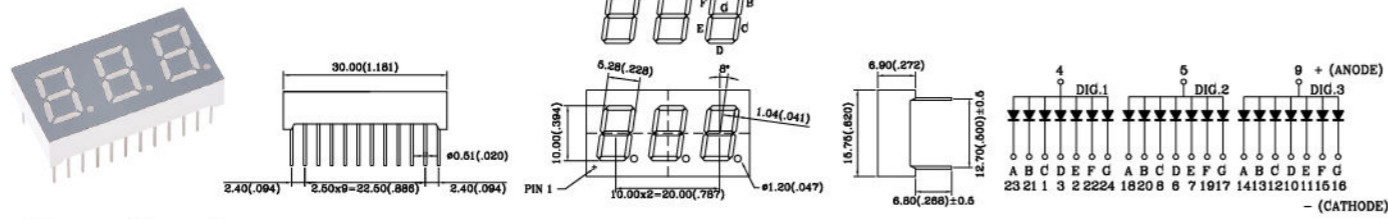
383 Dimension 0.39 inch



Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN     |              |                                       |  |                            | Typ.         | Max. |
| A383G        | DVA33G036G  | Yellow Green | 570                                   | 1.7                                      | 10                         | 2.0          | 2.4  |
| A383LY       | DSA33LY064G | Yellow       | 588                                   | 10                                       | 20                         | 2.1          | 2.4  |
| A383SR       | DUC33SR047G | Hyper Red    | 640                                   | 4.8                                      | 10                         | 1.9          | 2.3  |

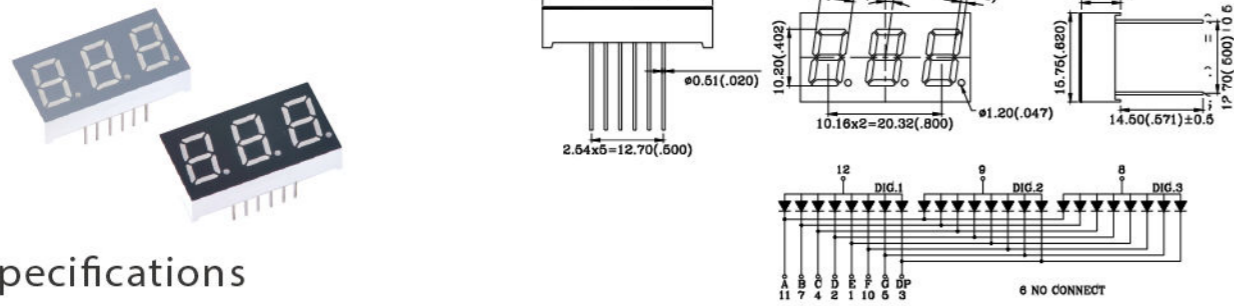
403 Dimension 0.4 inch



Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN     |              |                                       |  |                            | Typ.         | Max. |
| A403UB       | DVA34UB037G | Blue         | 465                                   | 10                                       | 10                         | 3.0          | 3.5  |
| A403G        | DVA34G038G  | Yellow Green | 570                                   | 1.7                                      |                            | 2.0          | 2.4  |
| A403SR       | DVA34SR039G | Hyper Red    | 640                                   | 6  |                            | 1.9          | 2.3  |

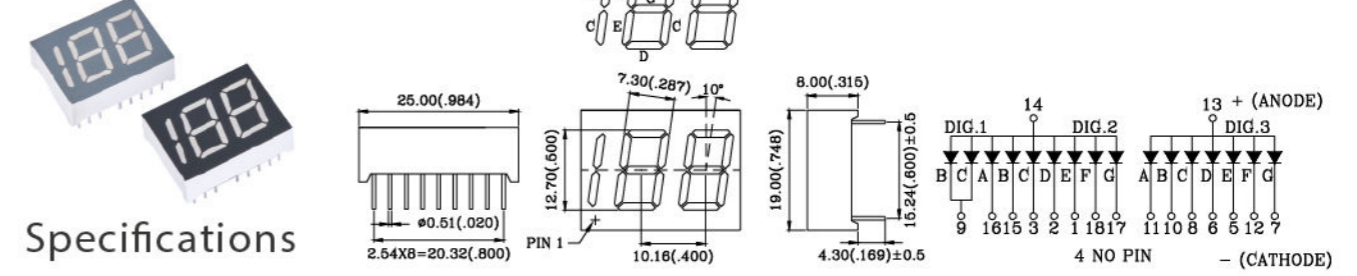
403-12 Dimension 0.4 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A403UB-12    | DAG3B189     | Blue         | 465                                   | 15                                       | 10                         | 3.0          | 3.5  |
| A403G-12     | DQA34G230G   | Yellow Green | 570                                   | 2  |                            | 2.0          | 2.4  |
| A403LR-12    | DOA34LR1028G | Super Red    | 631                                   | 8  |                            | 1.9          | 2.3  |
| A403SR-12    | DQA34SR177G  | Hyper Red    | 640                                   | 10                                       | 1.9                        | 2.3          |      |

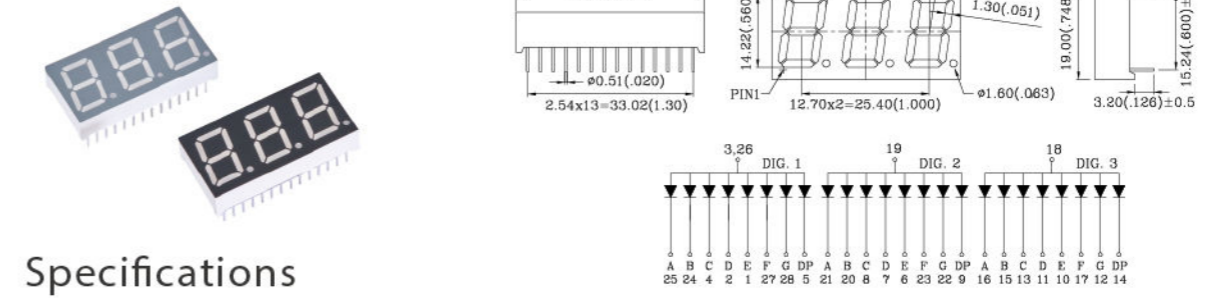
503 Dimension 0.36 inch



Specifications

| Common Anode |            | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN    |              |                                       |  |                            | Typ.         | Max. |
| A503G        | DVA35G041G | Yellow Green | 570                                   | 2  | 10                         | 2.0          | 2.4  |
| A503SR       | D063R070   | Hyper Red    | 640                                   | 10                                       |                            | 1.9          | 2.3  |

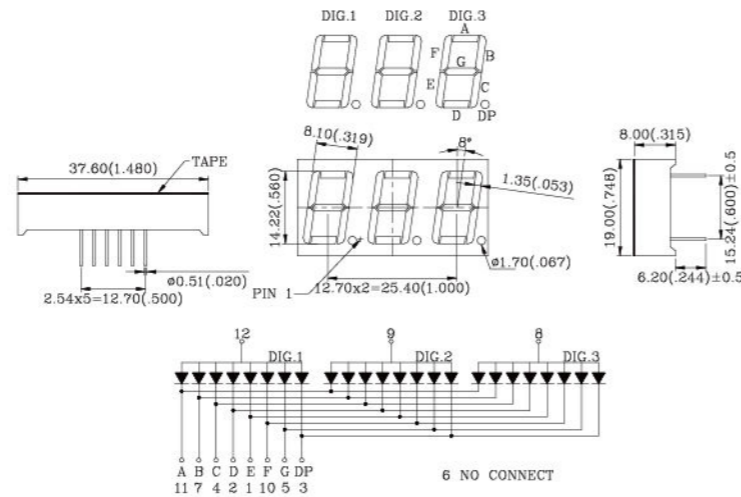
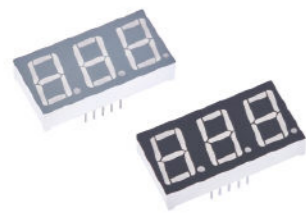
553 Dimension 0.56 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| C553G        | DSC35G1161GJ | Yellow Green | 570                                   | 4  | 10                         | 2.0          | 2.4  |
| A553SR       | DKA35SR184   | Hyper Red    | 640                                   | 21                                       |                            | 1.9          | 2.3  |

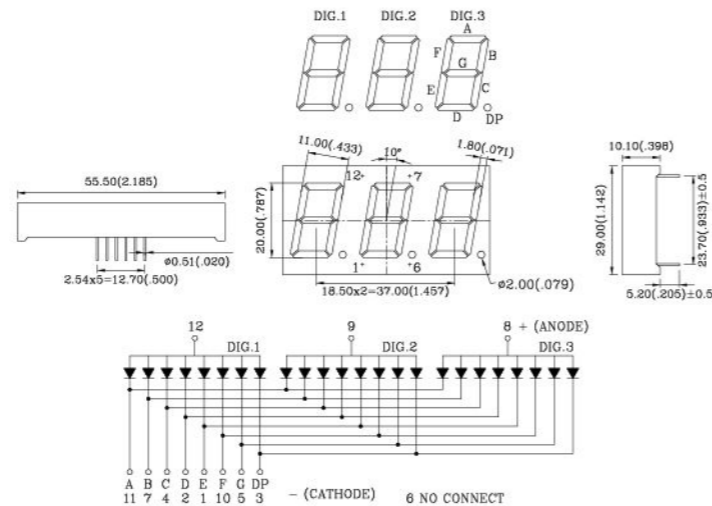
563-11 Dimension 0.56 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A563UB-11    | DAG3B158     | Blue         | 465                                   | 14                                       | 10                         | 2.9          | 3.4  |
| A563G-11     | DSA35G1156G  | Yellow Green | 570                                   | 4  |                            | 2.0          | 2.6  |
| A563LES      | DNA35LES034G | Amber        | 605                                   | 70                                       | 20                         | 2.0          | 2.4  |
| A563SR-11    | DKA35SR027   | Hyper Red    | 640                                   | 21                                       | 10                         | 1.9          | 2.3  |

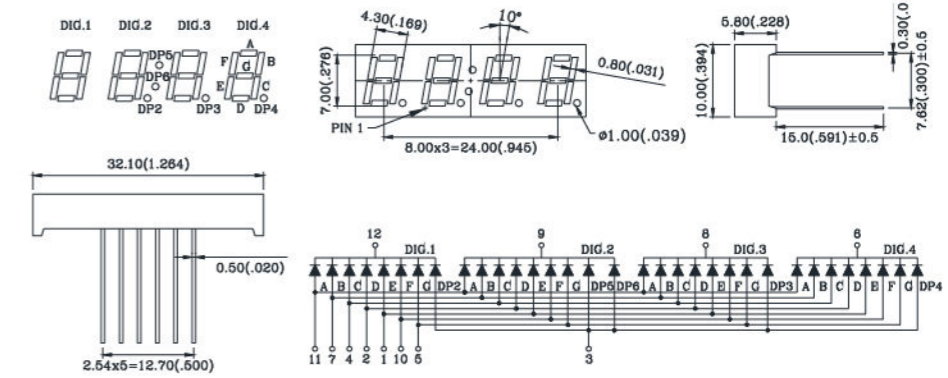
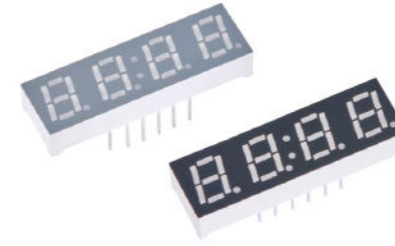
833 Dimension 0.8 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A833G        | DVA38G044G   | Yellow Green | 570                                   | 5  | 10                         | 2.0          | 2.4  |
| C833LE1      | DPC38LE1249G | Super Red    | 632                                   | 18                                       | 20                         | 2.1          | 2.4  |
| A833SR       | DVA38SR046G  | Hyper Red    | 640                                   | 30                                       | 10                         | 1.9          | 2.3  |

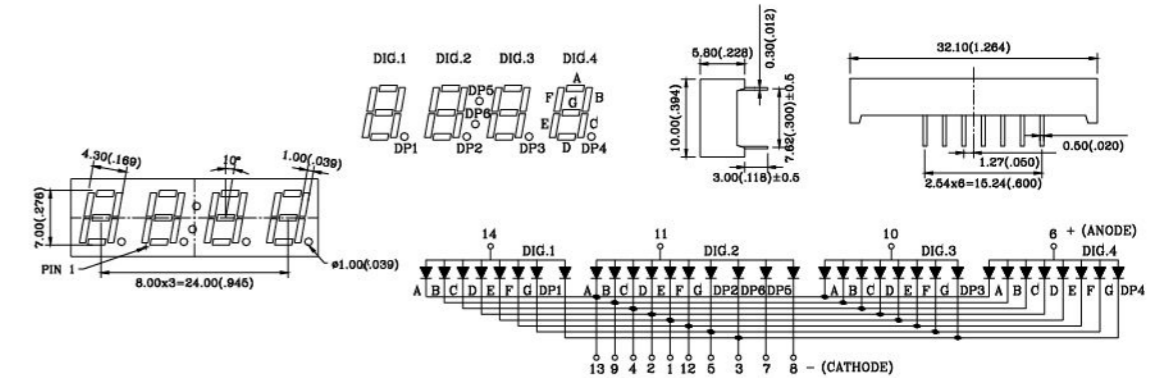
284-12 Dimension 0.28 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| C284G-12     | DTC42G079G   | Yellow Green | 570                                   | 1.6                                      | 10                         | 2.0          | 2.4  |
| A284SR-12    | DQA42SR095G  | Hyper Red    | 640                                   | 5  |                            | 1.9          | 2.3  |
| C284LR1      | DBC42LR1014Y | Super Red    | 632                                   | 8.5                                      | 20                         | 1.9          | 2.3  |

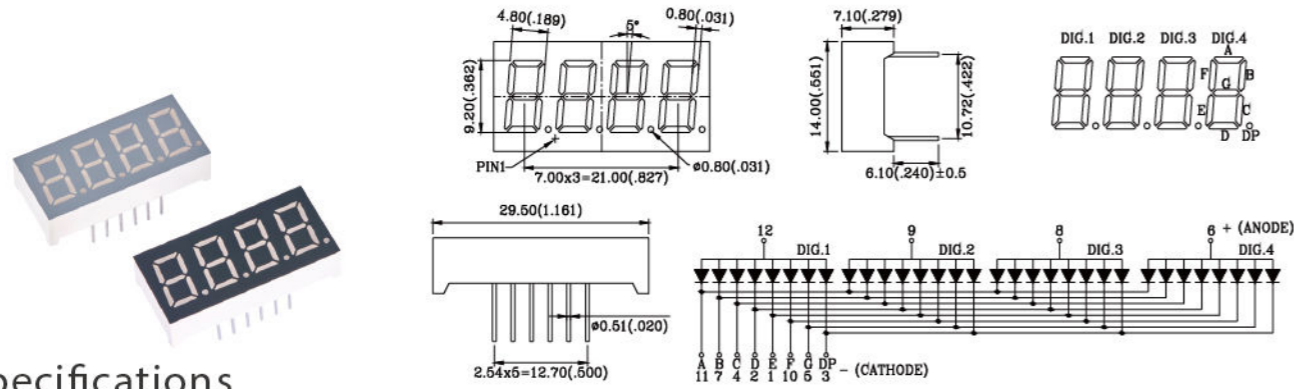
284-14 Dimension 0.28 inch



Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN     |              |                                       |  |                            | Typ.         | Max. |
| A284G-14     | DNA42CG013G | Yellow Green | 570                                   | 1.6                                      | 10                         | 2.0          | 2.4  |
| A284SR-14    | DMA42SR121G | Hyper Red    | 640                                   | 5  |                            | 1.9          | 2.3  |

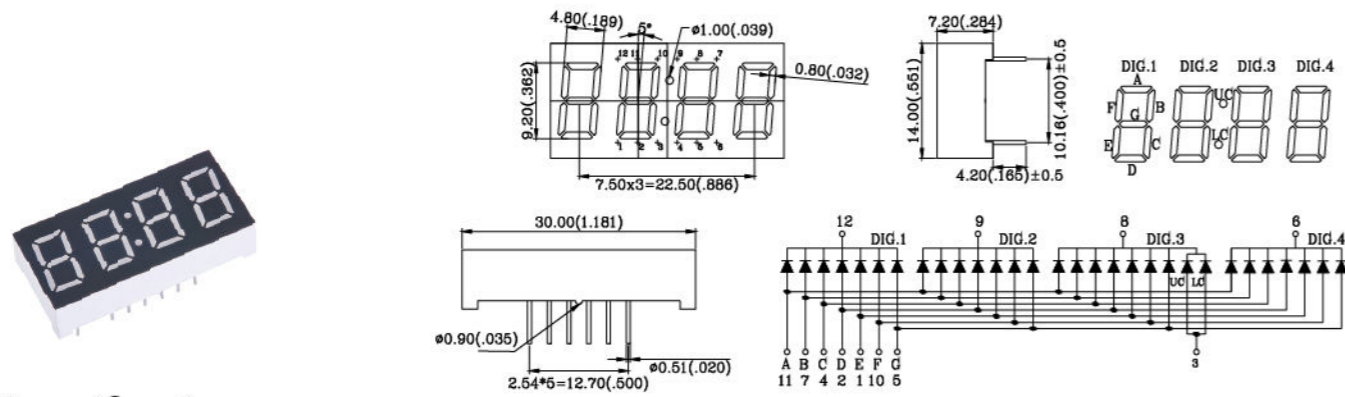
364 Dimension 0.36 inch



Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN     |              |                                       |  |                            | Typ.         | Max. |
| A364UB       | DLA43UB186G | Blue         | 465                                   | 8  | 10                         | 3.0          | 3.5  |
| A364G        | DSA43G017G  | Yellow Green | 570                                   | 1.6                                      |                            | 2.0          | 2.4  |
| A364LR1      | DPA43LR223G | Super Red    | 635                                   | 10                                       | 20                         | 1.9          | 2.4  |
| A364SR       | DSA43SR016G | Hyper Red    | 640                                   | 8  | 10                         | 1.9          | 2.3  |

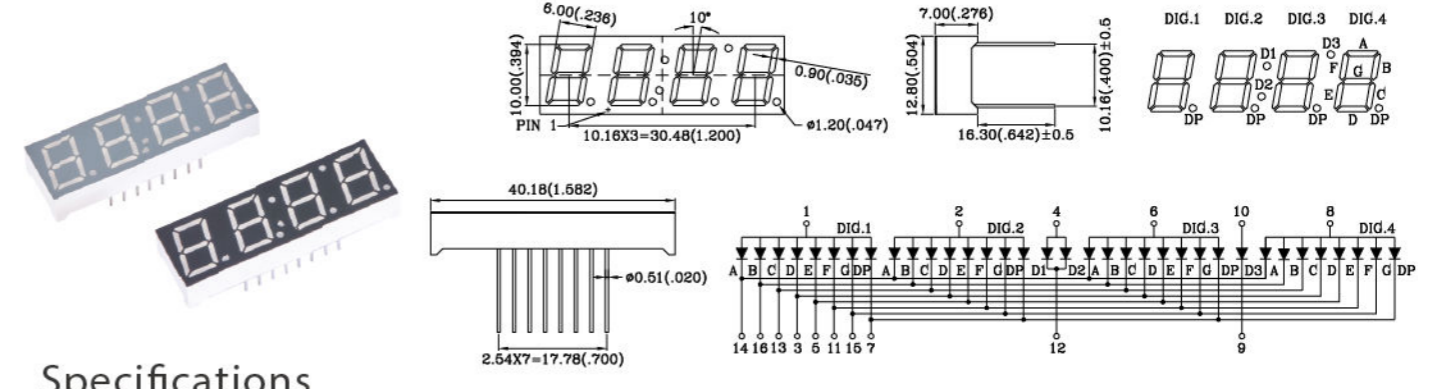
3P4 Dimension 0.36 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| C3P4UB       | DQC43UB103G  | Blue         | 465                                   | 11.5                                     | 10                         | 3.0          | 3.5  |
| A3P4G        | DAG4G332     | Yellow Green | 570                                   | 1.6                                      |                            | 2.0          | 2.4  |
| C3P4LR1      | DMC43LR1172G | Super Red    | 631                                   | 15                                       | 20                         | 2.0          | 2.3  |
| A3P4SR       | DVA43SR050G  | Hyper Red    | 640                                   | 5  | 10                         | 1.9          | 2.3  |

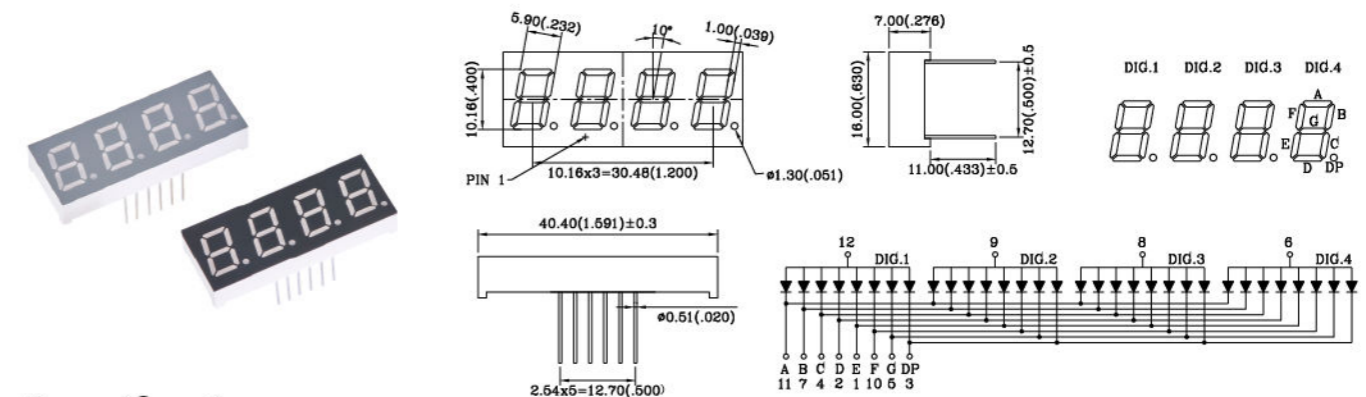
394 Dimension 0.39 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A394UB       | DNA43UB116G  | Blue         | 465                                   | 15                                       | 10                         | 3.0          | 3.5  |
| A394G        | DLA43G157G   | Yellow Green | 570                                   | 1.6                                      |                            | 2.0          | 2.4  |
| A394LES      | DTA43LES110G | Amber        | 605                                   | 18                                       | 20                         | 2.0          | 2.4  |
| A394SR       | DPA43SR183G  | Hyper Red    | 640                                   | 8  | 10                         | 1.9          | 2.3  |

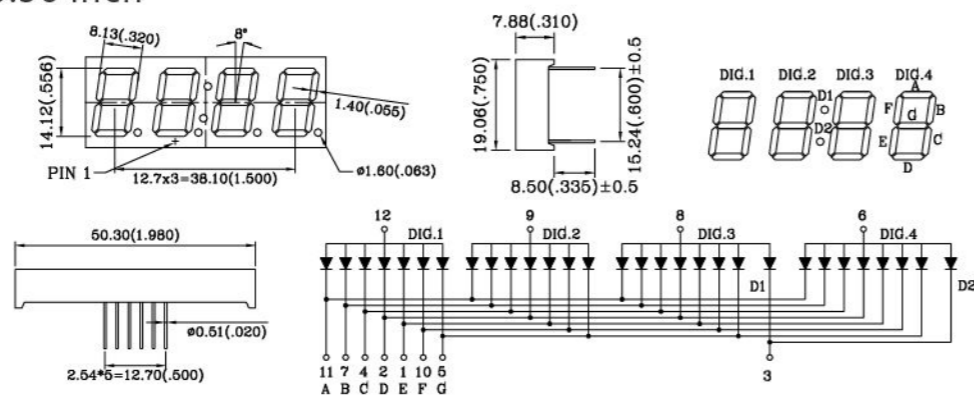
4N4 Dimension 0.4 inch



Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN     |              |                                       |  |                            | Typ.         | Max. |
| A4N4UB       | DPA44UB152G | Blue         | 465                                   | 25                                       | 10                         | 3.0          | 3.5  |
| A4N4G        | DVA44G052G  | Yellow Green | 570                                   | 1.8                                      |                            | 2.0          | 2.4  |
| C4N4LR       | DXC44LR038G | Super Red    | 630                                   | 8  | 20                         | 1.9          | 2.3  |
| A4N4SR       | DJA44SR345  | Hyper Red    | 640                                   | 10                                       | 10                         | 1.9          | 2.3  |

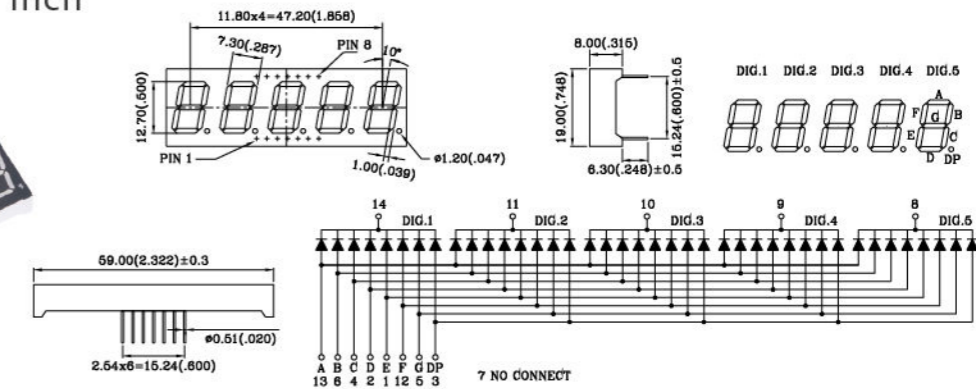
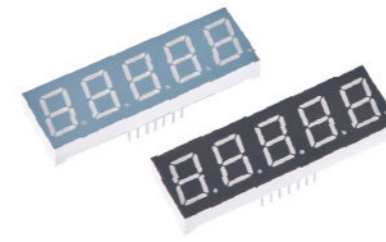
554-12 Dimension 0.56 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A554G-12     | DAH4G056     | Yellow Green | 570                                   | 2  | 10                         | 2.0          | 2.4  |
| C554LES      | DNC45LES078G | Amber        | 605                                   | 25                                       | 20                         | 2.1          | 2.4  |
| A554SR-12    | DHC45SR359   | Hyper Red    | 640                                   | 21                                       | 10                         | 1.9          | 2.3  |

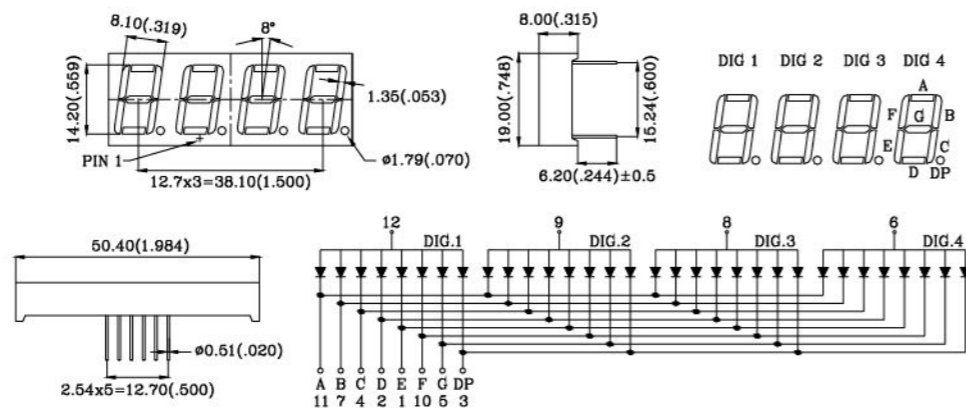
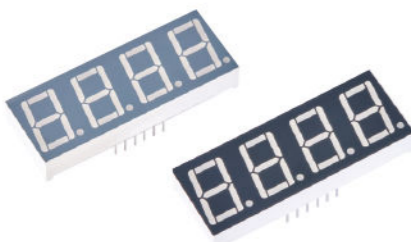
505 Dimension 0.5 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| C505G        | DCH5G164     | Yellow Green | 570                                   | 2.0                                      | 10                         | 2.1          | 2.4  |
| A505LR2      | DMA55LR2164G | Super Red    | 631                                   | 50                                       | 20                         | 2.0          | 2.3  |
| A505SR       | DJA55SR049   | Hyper Red    | 640                                   | 21                                       | 10                         | 1.9          | 2.3  |

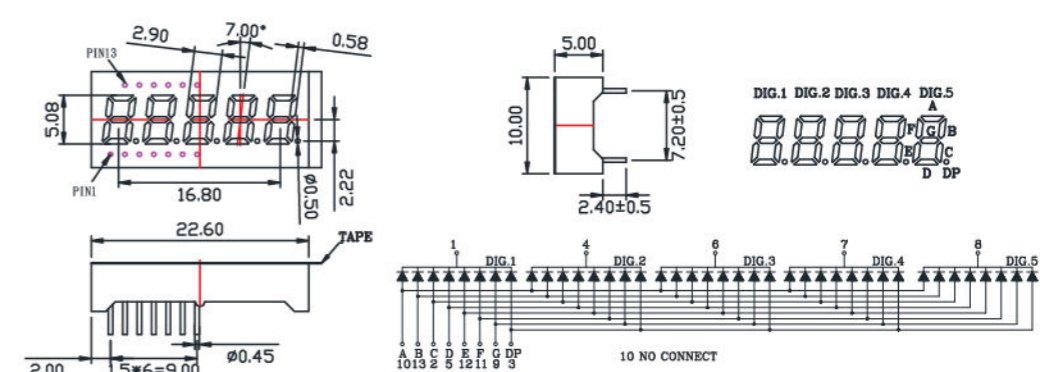
564 Dimension 0.56 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A564UB       | DAG4B261A    | Blue         | 465                                   | 28                                       | 10                         | 3.0          | 3.5  |
| A564G        | DLA45G018G   | Yellow Green | 570                                   | 2  | 10                         | 2.0          | 2.4  |
| C564LR1      | DOC45LR1007G | Super Red    | 631                                   | 5.5                                      | 20                         | 2.0          | 2.3  |
| A564SR       | DRA45SR041G  | Hyper Red    | 640                                   | 10                                       | 10                         | 1.9          | 2.3  |

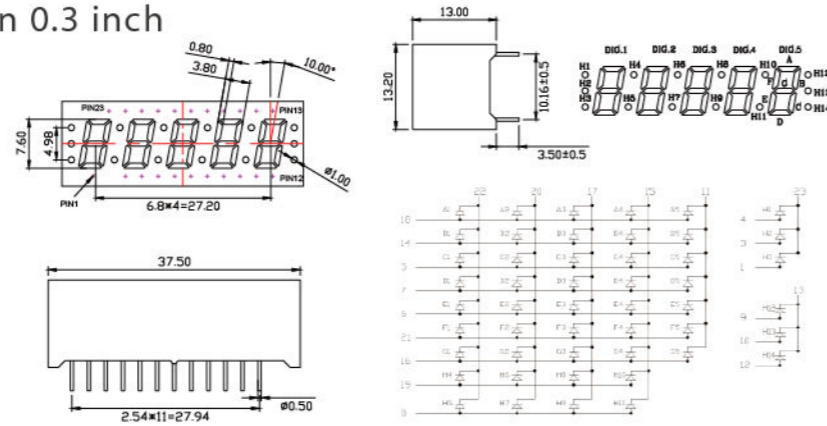
DSC52LR199G Dimension 0.2 inch



Specifications

| Ref No.     | Wavelength $\lambda_d$ (nm) / CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd) / Seg. | Typ. Forward Voltage $V_F$ (V) | Forward Current $I_F$ (mA) |
|-------------|---|--|--------------------------------|----------------------------|
| DSC52LR199G | 630                                     | 8.0 / 0.6                                  | 2.0                            | 20                         |

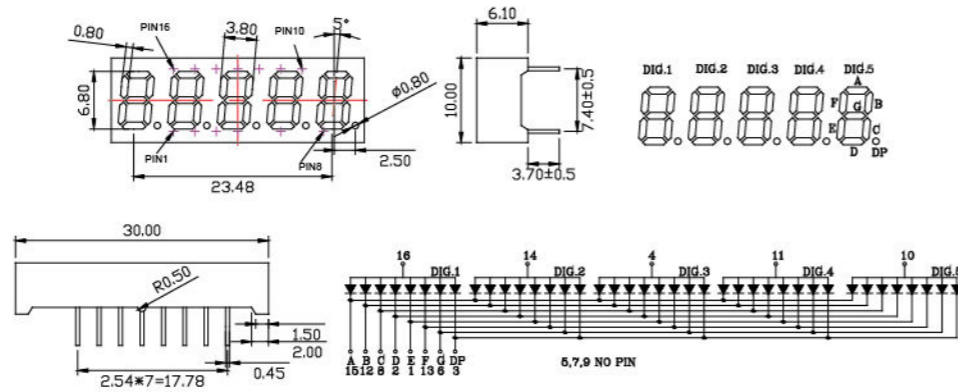
DSC53LR200G Dimension 0.3 inch



Specifications

| Ref No.     | Wavelength $\lambda_d$ (nm) / CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd) / Seg. | Typ. Forward Voltage $V_f$ (V) | Forward Current $I_f$ (mA) |
|-------------|---|--|--------------------------------|----------------------------|
| DSC53LR200G | 630                                     | 11.0 / 0.9                                 | 2.0                            | 30                         |

DSA52LR201G Dimension 0.27 inch



Specifications

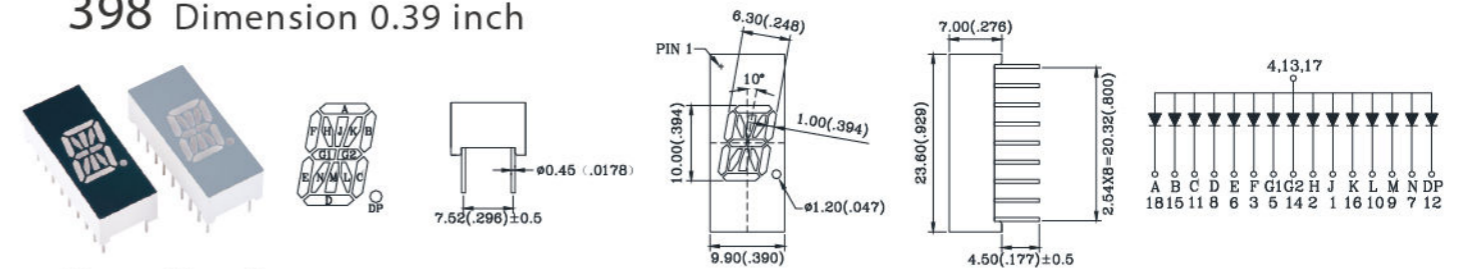
| Part No.    | Wavelength $\lambda_d$ (nm) / CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd) / Seg. | Typ. Forward Voltage $V_f$ (V) | Forward Current $I_f$ (mA) |
|-------------|---|--|--------------------------------|----------------------------|
| DSA52LR201G | 630                                     | 5.0 / 0.5                                  | 2.0                            | 20                         |



# ALPHA NUMERIC Applications

- ◆ Dashboard
- ◆ Elevator Floor
- ◆ Indicator
- ◆ Home appliance
- ◆ Power meter
- ◆ Medical device
- ◆ Weighing scale

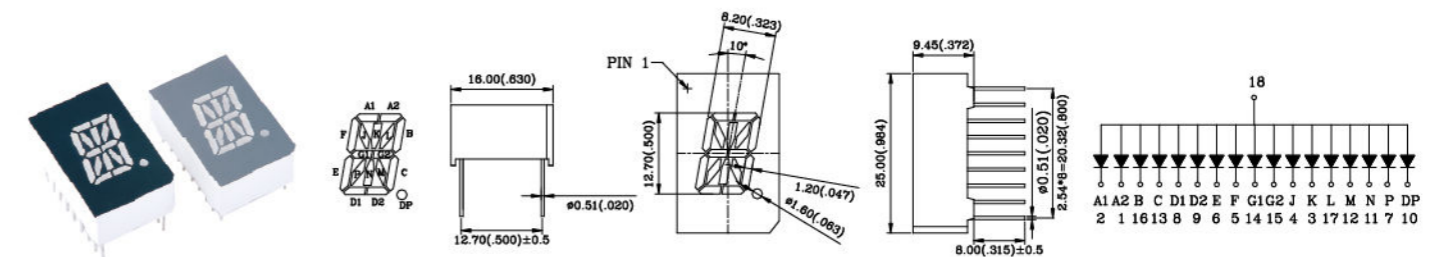
## 398 Dimension 0.39 inch



### Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_f$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Ref No.      | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A398UB       | DLA13UB246GA | Blue         | 465                                   | 28                                       | 10                         | 3.0          | 3.5  |
| A398G        | DNA13G010G   | Yellow Green | 570                                   | 1.6                                      |                            | 2.0          | 2.4  |
| A398SR       | DAG1R280     | Hyper Red    | 640                                   | 10                                       |                            | 1.9          | 2.3  |

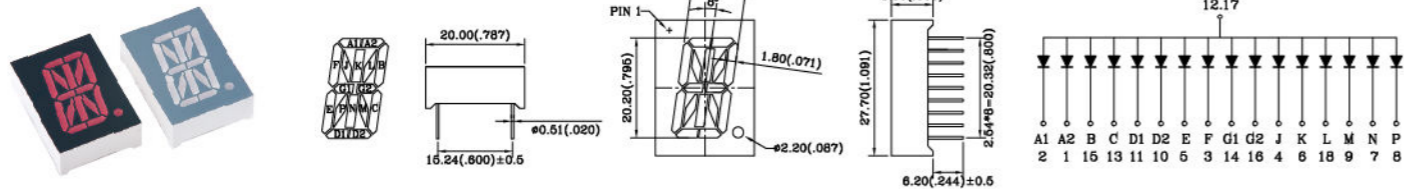
## 508 Dimension 0.5 inch



### Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_f$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Ref No.      | Ref. PN     |              |                                       |  |                            | Typ.         | Max. |
| A508G        | DMA15G034G  | Yellow Green | 570                                   | 2  | 10                         | 2.0          | 2.4  |
| A508UB       | DQA15UB108G | Blue         | 467                                   | 10                                       |                            | 2.9          | 3.3  |
| A508SR       | DRA15SR087G | Hyper Red    | 640                                   | 5  |                            | 1.9          | 2.3  |

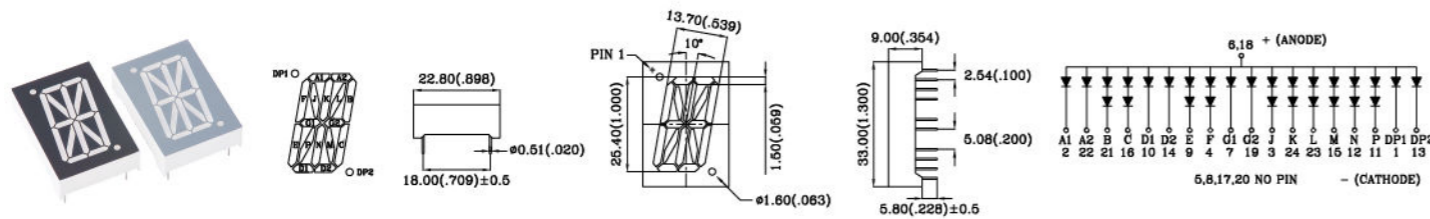
808 Dimension 0.8 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| C808UB       | DVA18UB057G  | Blue         | 465                                   | 28                                       | 10                         | 3.0          | 3.5  |
| A808G        | DVA18G058G   | Yellow Green | 570                                   | 2.6                                      |                            | 2.0          | 2.4  |
| A808LY1      | DOA18LY1036G | Yellow       | 587                                   | 15                                       | 20                         | 2.1          | 2.4  |
| A808SR       | DQA18SR096GJ | Hyper Red    | 640                                   | 10                                       | 10                         | 1.9          | 2.3  |

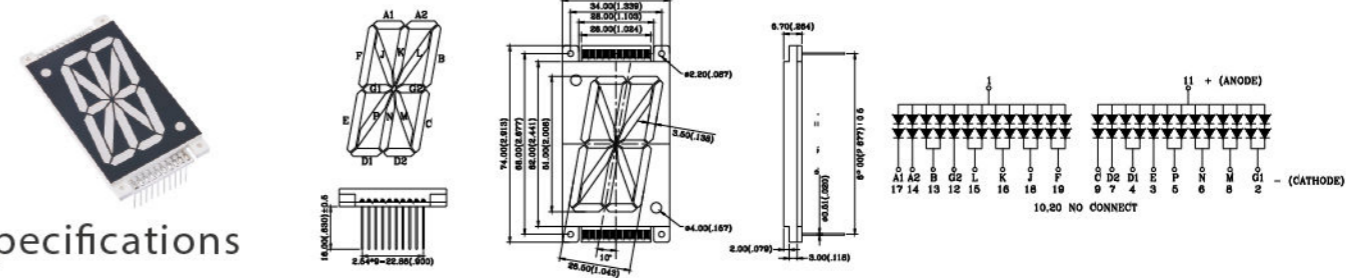
1008 Dimension 1.0 inch



Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN     |              |                                       |  |                            | Typ.         | Max. |
| A1008G       | DAG1G437A   | Yellow Green | 570                                   | 4  | 10                         | 2.0          | 2.4  |
| A1008SR      | DLA1ASR099G | Hyper Red    | 640                                   | 20                                       |                            | 1.8          | 2.2  |
| A1008UW      | DLA1AUW159G | White        | (0.29, 0.30)                          | 70                                       |                            | 3.0          | 3.5  |

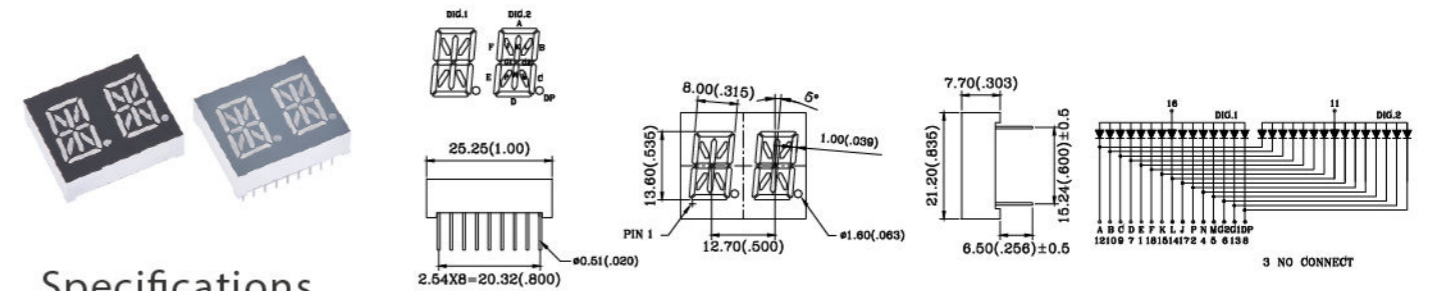
2018-4V Dimension 2.6 inch



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A2018NDG-4V  | DVA1AG060G   | Yellow Green | 570                                   | 5  | 20                         | 4.0          | 4.8  |
| A2018NDLY1   | DKA1ALY1061G | Yellow       | 594                                   | 18                                       |                            | 4.0          | 4.6  |
| A2018NDSR-4V | DAG1R071     | Hyper Red    | 640                                   | 20                                       |                            | 3.6          | 4.4  |
| A2018NDUW-4V | DLA1AUW158G  | White        | (0.29, 0.30)                          | 120                                      |                            | 6.0          | 7.0  |

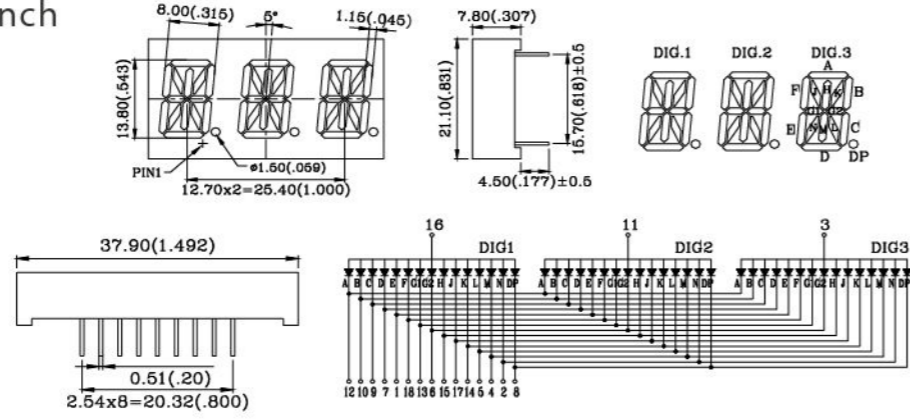
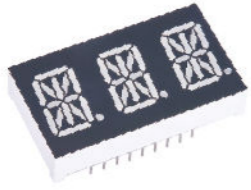
542 Dimension 0.54 inch



Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN     |              |                                       |  |                            | Typ.         | Max. |
| A542UB       | DQA2SUB107G | Blue         | 465                                   | 10                                       | 10                         | 3.0          | 3.5  |
| A542G        | DVA25G062G  | Yellow Green | 570                                   | 2  |                            | 2.0          | 2.4  |
| A542SR       | DAF2R166    | Hyper Red    | 640                                   | 10                                       |                            | 1.9          | 2.3  |

## 5B3 Dimension 0.54 inch



## Specifications

| Common Anode |             | Color        | Wavelength<br>$\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous<br>Intensity<br>$I_v$ (mcd)/Seg. | Forward Current<br>$I_f$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|--|--|-------------------------------|--------------|------|
| Series       | Ref. PN     |              |  |  |                               | Typ.         | Max. |
| A5B3G        | DVA35G063G  | Yellow Green | 570                                      | 2  | 10                            | 2.0          | 2.4  |
| A5B3SR       | DVA35SR065G | Hyper Red    | 640                                      | 10   |                               | 1.9          | 2.3  |



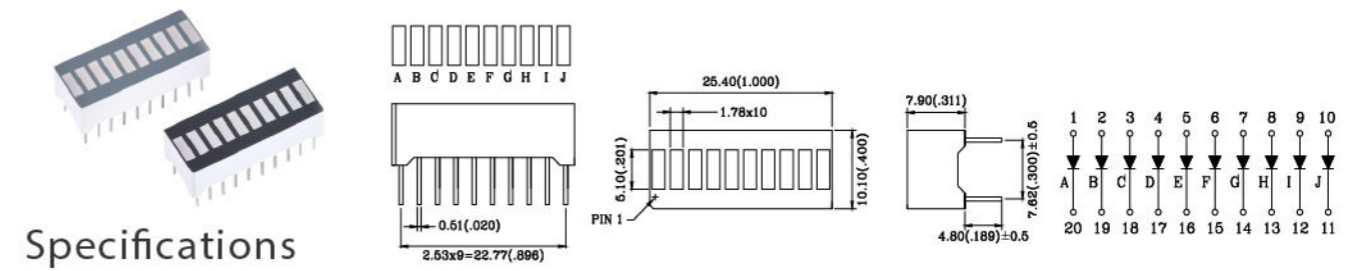
# LIGHT BAR ARRAY

## Applications

- ◆ Dashboard
- ◆ Elevator Floor
- ◆ Indicator
- ◆ Home appliance
- ◆ Power meter
- ◆ Medical device
- ◆ Weighing scale



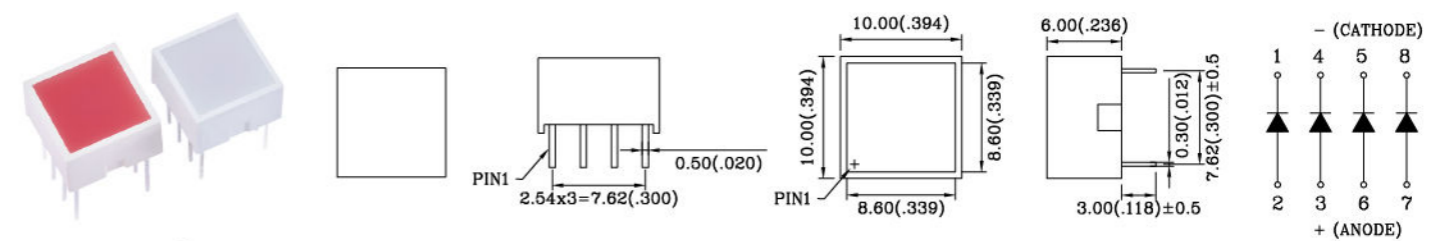
### B1000 Dimension 25.4 x 5.1 x 16.3 mm



#### Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN     |              |                                       |  |                            | Typ.         | Max. |
| B1000UB      | BL010UB209G | Blue         | 465                                   | 15                                       | 10                         | 3.0          | 3.5  |
| B1000G       | BT010G056G  | Yellow Green | 570                                   | 2  | 10                         | 2.0          | 2.4  |
| B1000LR      | BP010LR254  | Super Red    | 631                                   | 20                                       | 20                         | 2.0          | 2.3  |
| B1000SR      | B062R120    | Hyper Red    | 640                                   | 10                                       | 10                         | 1.9          | 2.3  |

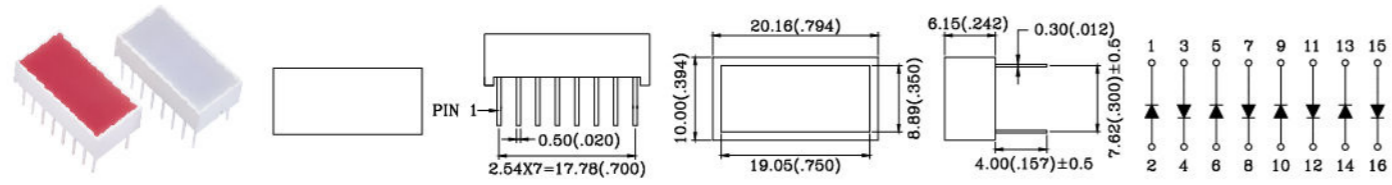
### B1010 Dimension 10 x 8.6 x 9 mm



#### Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN     |              |                                       |  |                            | Typ.         | Max. |
| B1010G       | BV010G067G  | Yellow Green | 570                                   | 5  | 10                         | 2.0          | 2.4  |
| B1010LR      | BV010LR139G | Super Red    | 631                                   | 12                                       | 20                         | 2.0          | 2.4  |
| B1010SR      | BV010SR068G | Hyper Red    | 640                                   | 12                                       | 10                         | 1.9          | 2.3  |

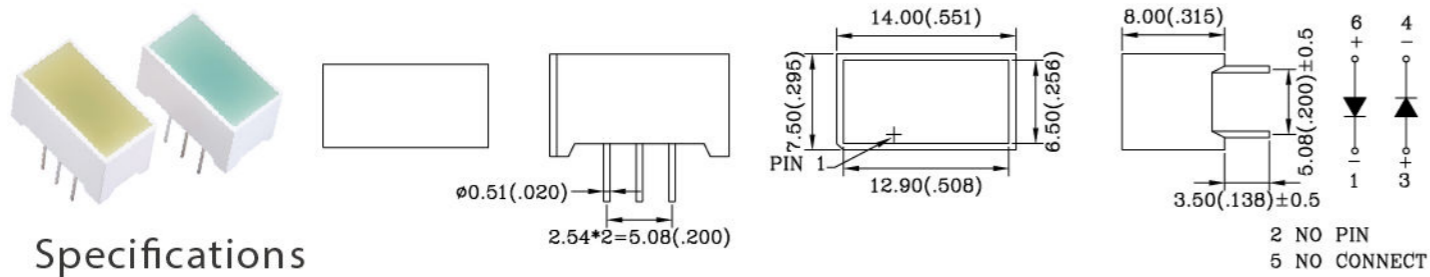
B1020 Dimension 20.16 x 10 x 10.15 mm



Specifications

| Common Anode |             | Color        | Wavelength<br>$\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity<br>$I_v$ (mcd)/Seg. | Forward Current<br>$I_F$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|--|---|-------------------------------|--------------|------|
| Series       | Ref. PN     |              |  |   |                               | Typ.         | Max. |
| B1020G       | BL010G053G  | Yellow Green | 570                                      | 10  | 10                            | 2.0          | 2.4  |
| B1020SR      | BO020SR151G | Hyper Red    | 640                                      | 20  |                               | 1.9          | 2.3  |

B1408 Dimension 14 x 7.5 x 11.5 mm



Specifications

| Common Anode |             | Color        | Wavelength<br>$\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity<br>$I_v$ (mcd)/Seg. | Forward Current<br>$I_F$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|--|---|-------------------------------|--------------|------|
| Series       | Ref. PN     |              |  |   |                               | Typ.         | Max. |
| B1408G       | B0G1G196    | Yellow Green | 570                                      | 5   | 10                            | 2.0          | 2.4  |
| B1408SR      | BK010SR105G | Hyper Red    | 640                                      | 12  |                               | 1.9          | 2.3  |

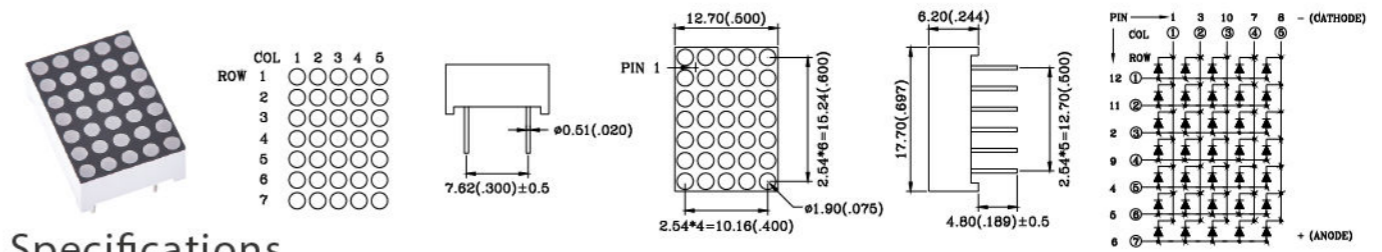


# DOT MATRIX Applications

- ◆ Dashboard
- ◆ Elevator Floor
- ◆ Indicator
- ◆ Home appliance
- ◆ Power meter
- ◆ Medical device
- ◆ Weighing scale



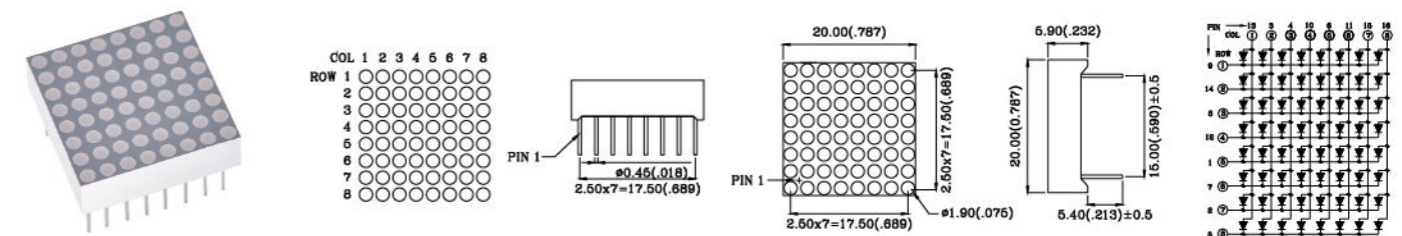
## 2570 Dimension 0.7 inch 5 x 7



### Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A2570UB      | MNA20UB086G  | Blue         | 465                                   | 8  | 10                         | 3.0          | 3.5  |
| A2570G       | MRA20G047GJ  | Yellow Green | 570                                   | 7  |                            | 2.0          | 2.4  |
| C2570LR1     | MYC20LR1012G | Super Red    | 630                                   | 13                                       | 20                         | 1.9          | 2.3  |
| A2570SR      | MNA20SR085G  | Hyper Red    | 640                                   | 7  | 10                         | 1.9          | 2.3  |

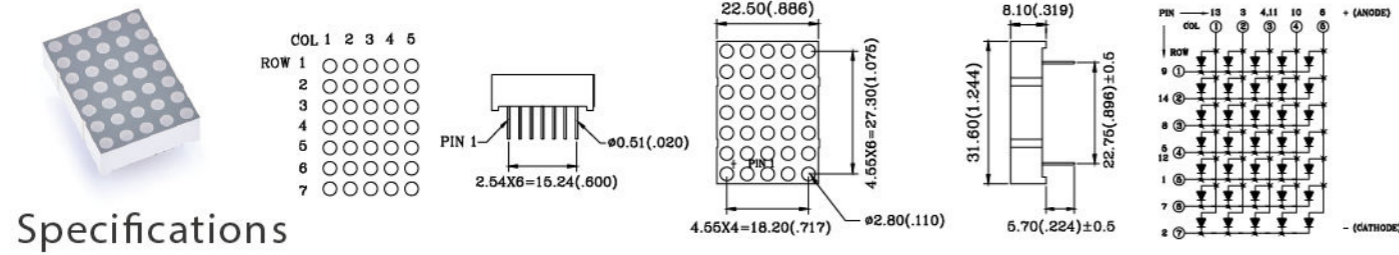
## 2880 Dimension 0.8 inch 8 x 8



### Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A2880UB      | MOA20UB018GJ | Blue         | 465                                   | 42                                       | 10                         | 3.0          | 3.5  |
| A2880G       | MAG2G344     | Yellow Green | 570                                   | 7  |                            | 2.0          | 2.4  |
| A2880LES     | MVA20LES127G | Amber        | 603                                   | 60                                       | 20                         | 2.0          | 2.3  |
| A2880SR      | MNA20SR092G  | Hyper Red    | 640                                   | 7  | 10                         | 1.9          | 2.3  |

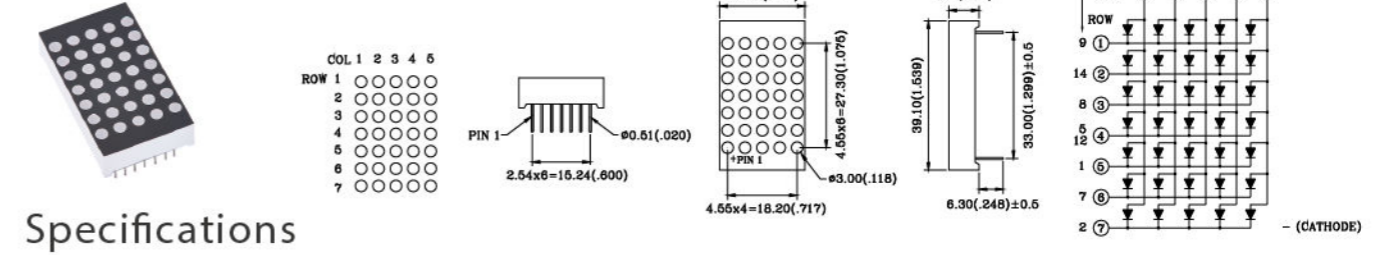
### 3571 Dimension 1.2 inch 5 x 7



#### Specifications

| Common Anode |               | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|---------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN       |              |                                       |  |                            | Typ.         | Max. |
| A3571UB      | MMA30UB099GA  | Blue         | 465                                   | 10                                       | 10                         | 3.0          | 3.5  |
| A3571G       | MVA30G080G    | Yellow Green | 570                                   | 2.8                                      |                            | 2.0          | 2.4  |
| A3571LE1     | MMA30LE1009GA | Orange       | 615                                   | 9  | 20                         | 2.2          | 2.3  |
| A3571SR      | MMA30SR032G   | Hyper Red    | 640                                   | 8  | 10                         | 1.9          | 2.3  |

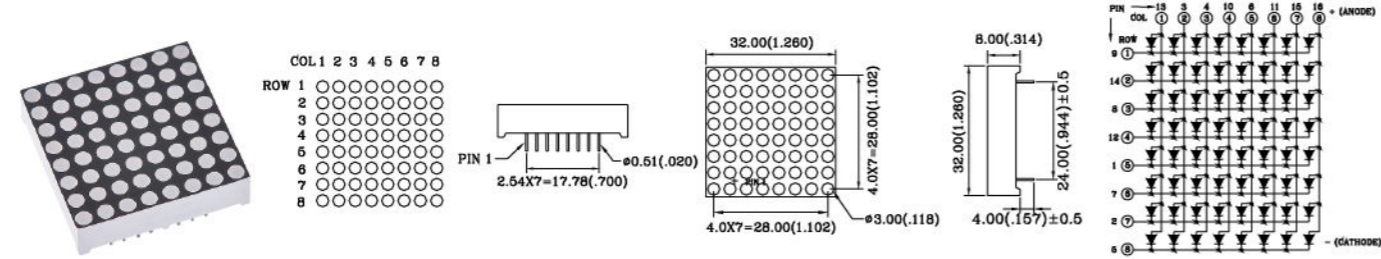
### 3570 Dimension 1.5 inch 5 x 7



#### Specifications

| Common Anode |               | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|---------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN       |              |                                       |  |                            | Typ.         | Max. |
| A3570G       | MVA30G083G    | Yellow Green | 570                                   | 2.8                                      | 10                         | 2.0          | 2.4  |
| A3570LPG6    | MPA30LPG6182G | Green        | 522                                   | 90                                       |                            | 2.85         | 3.2  |
| A3570SR      | DKC30SR082G   | Hyper Red    | 640                                   | 12                                       |                            | 1.9          | 2.3  |

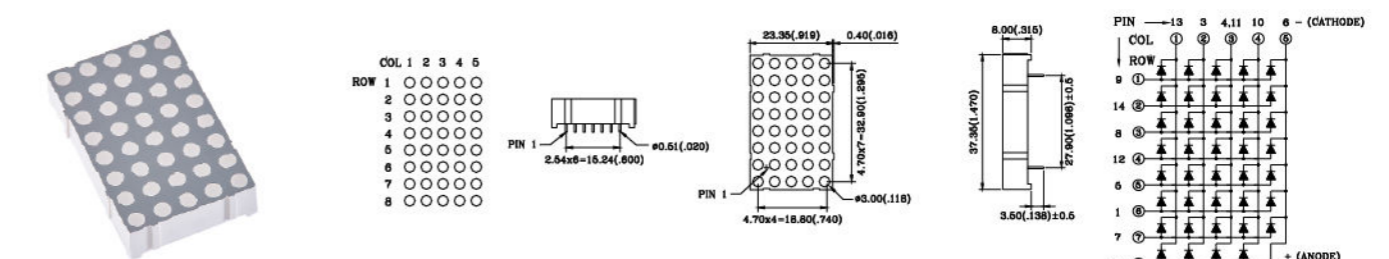
### 3880 Dimension 1.2 inch 8 x 8



#### Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A3880UB      | MOA30UB017GJ | Blue         | 465                                   | 28                                       | 10                         | 3.0          | 3.5  |
| A3880G       | DPA30G1037GA | Yellow Green | 570                                   | 16                                       |                            | 2.0          | 2.4  |
| A3880LR1     | MPA30LR1050G | Super Red    | 631                                   | 15                                       | 20                         | 2.0          | 2.3  |
| A3880SR      | MVA30SR082G  | Hyper Red    | 640                                   | 8  | 10                         | 1.9          | 2.3  |

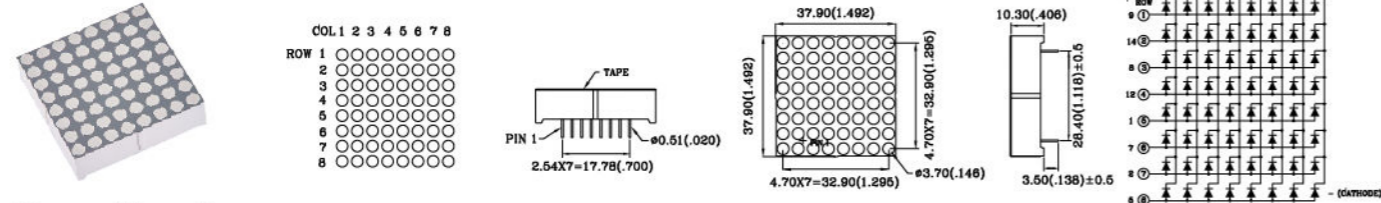
### 3580 Dimension 1.5 inch 5 x 8



#### Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN     |              |                                       |  |                            | Typ.         | Max. |
| A3580G       | MHA30G298   | Yellow Green | 570                                   | 2.6                                      | 10                         | 2.0          | 2.4  |
| C3580SR      | MMC30SR064G | Hyper Red    | 640                                   | 8  |                            | 1.9          | 2.3  |

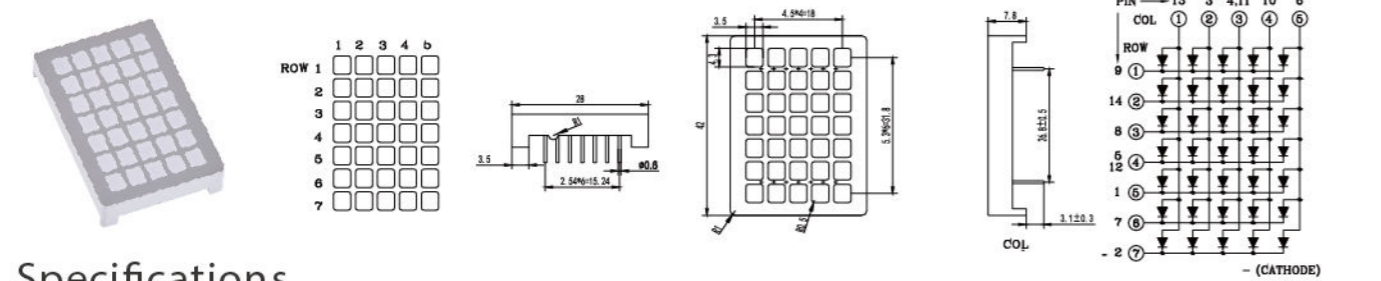
4880 Dimension 1.5 inch 8 x 8



Specifications

| Common Anode |                | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|----------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN        |              |                                       |  |                            | Typ.         | Max. |
| A4880G       | MAG4G241       | Yellow Green | 570                                   | 3.4                                      | 10                         | 2.0          | 2.4  |
| C4880LPG6    | MRC40LPG6028GA | Green        | 522                                   | 500                                      |                            | 2.9          | 3.3  |
| A4880SR      | MLC40SR107G    | Hyper Red    | 640                                   | 10                                       | 1.9                        | 2.3          |      |

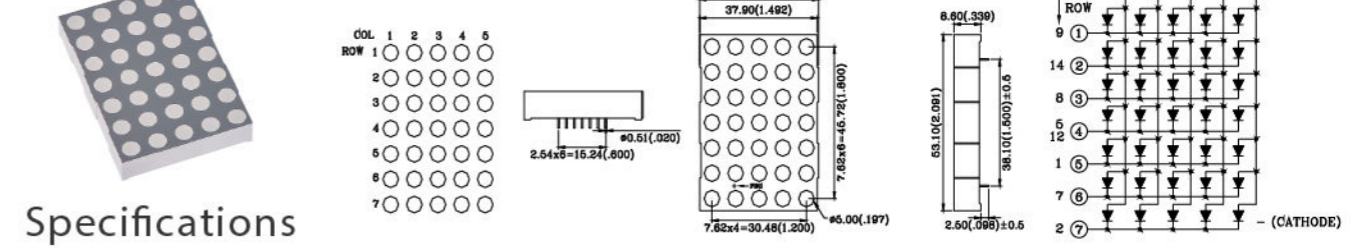
3573 Dimension 1.7 inch 5 x 7



Specifications

| Common Anode |                  | Color       | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|------------------|-------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN          |             |                                       |  |                            | Typ.         | Max. |
| A3573LES     | MQA30LES195G-FSD | Super Amber | 605                                   | 55                                       | 10                         | 2.1          | 2.4  |
| A3573UW      | MYC3BUW087G-FSD  | White       | (0.28, 0.28)                          | 160                                      | 20                         | 2.7          | 3.3  |

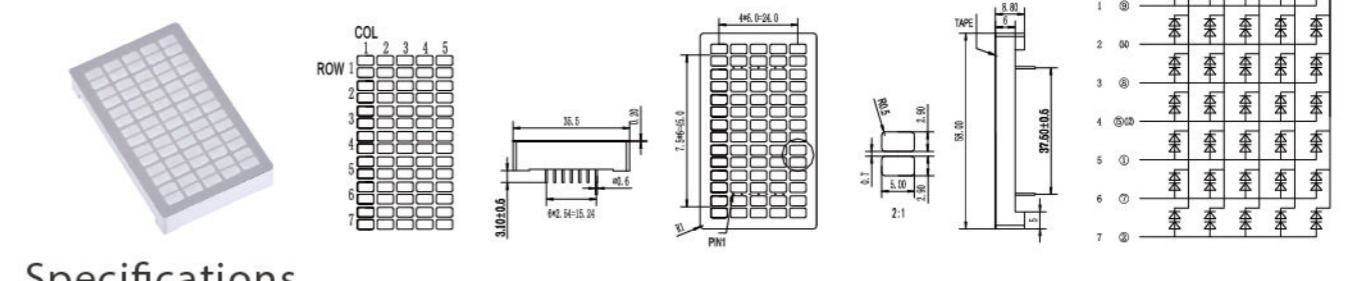
5570 Dimension 2.0 inch 5 x 7



Specifications

| Common Anode |              | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |              |                                       |  |                            | Typ.         | Max. |
| A5570UB      | MOA50UB168G  | Blue         | 465                                   | 50                                       | 10                         | 3.0          | 3.5  |
| A5570G       | MVA50G085G   | Yellow Green | 570                                   | 4  |                            | 2.0          | 2.4  |
| A5570HUR     | MPA50HUR185G | Super Red    | 630                                   | 60                                       | 20                         | 2.0          | 2.3  |
| A5570SR      | MMA50SR153GA | Hyper Red    | 640                                   | 10                                       | 10                         | 1.9          | 2.3  |

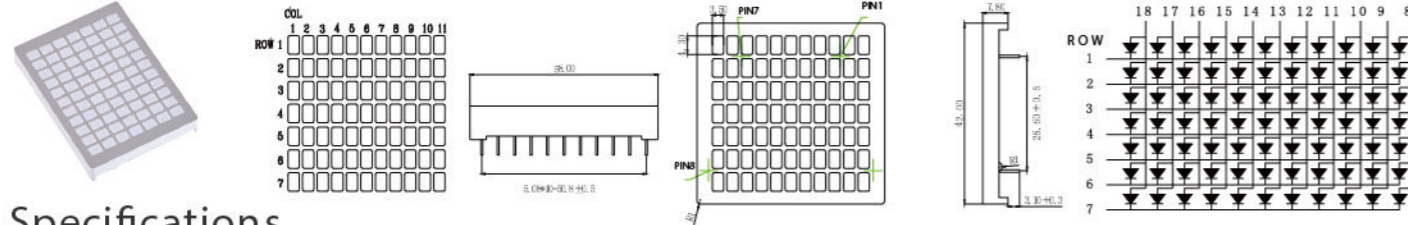
3574 Dimension 2.3 inch 5 x 7



Specifications

| Common Anode |                  | Color       | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|------------------|-------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN          |             |                                       |  |                            | Typ.         | Max. |
| A3574LES     | MQA30LES221G-FSD | Super Amber | 605                                   | 85                                       | 10                         | 4.2          | 4.8  |
| A3574UW      | MSA30UW213G-FSD  | White       | (0.28, 0.28)                          | 720                                      |                            | 6.0          | 6.8  |

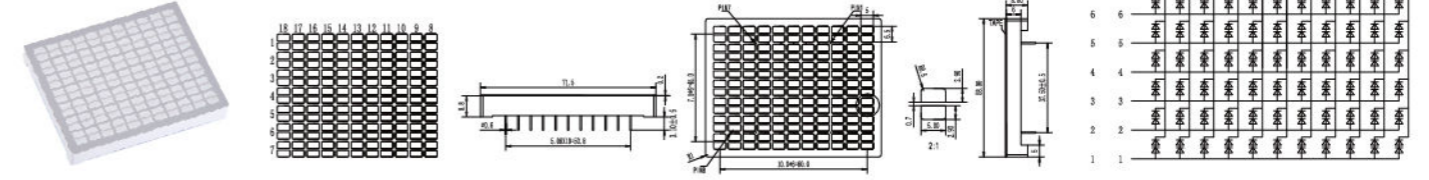
### 3711 Dimension 2.3 inch 7 x 11



#### Specifications

| Common Anode |                  | Color         | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|------------------|---------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN          |               |                                       |  |                            | Typ.         | Max. |
| A3711LES     | MQA30LES207G-FSD | ● Super Amber | 605                                   | 55                                       | 10                         | 2.1          | 2.4  |
| A3711UW      | MYA3BUW048G-FSD  | ○ White       | (0.28, 0.28)                          | 160                                      | 20                         | 2.7          | 3.3  |

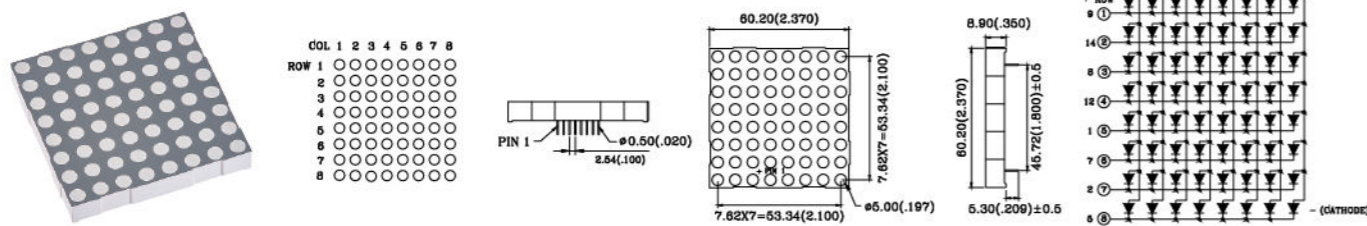
### 5711 Dimension 2.8 inch 7 x 7



#### Specifications

| Common Anode |                  | Color         | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|------------------|---------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN          |               |                                       |  |                            | Typ.         | Max. |
| A5711LES     | MQA30LES222G-FSD | ● Super Amber | 605                                   | 85                                       | 10                         | 4.2          | 4.8  |
| A5711UW      | MSA30UW214G-FSD  | ○ White       | (0.28, 0.28)                          | 720                                      |                            | 6.0          | 6.8  |

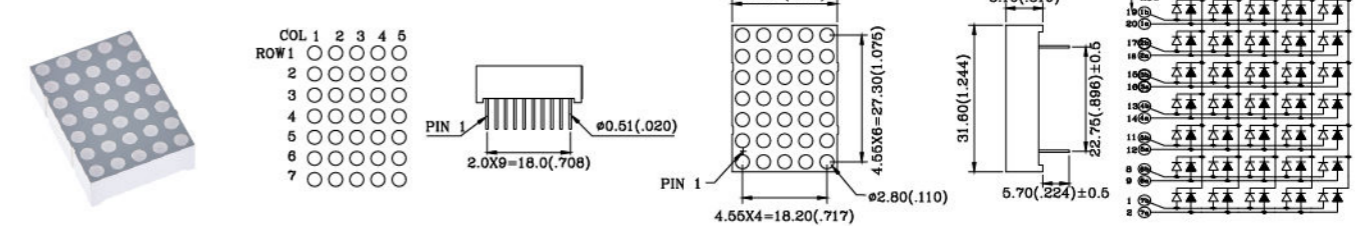
### 5880 Dimension 2.4 inch 8 x 8



#### Specifications

| Common Anode |              | Color          | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|----------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |                |                                       |  |                            | Typ.         | Max. |
| A5880G       | MOA50G109G   | ● Yellow Green | 570                                   | 3.4                                      | 10                         | 2.0          | 2.4  |
| A5880LY1     | MYA50LY1079G | ● Yellow       | 587                                   | 35                                       | 20                         | 2.0          | 2.4  |
| A5880SR      | MKA50SR002G  | ● Hyper Red    | 640                                   | 10                                       | 10                         | 1.9          | 2.3  |

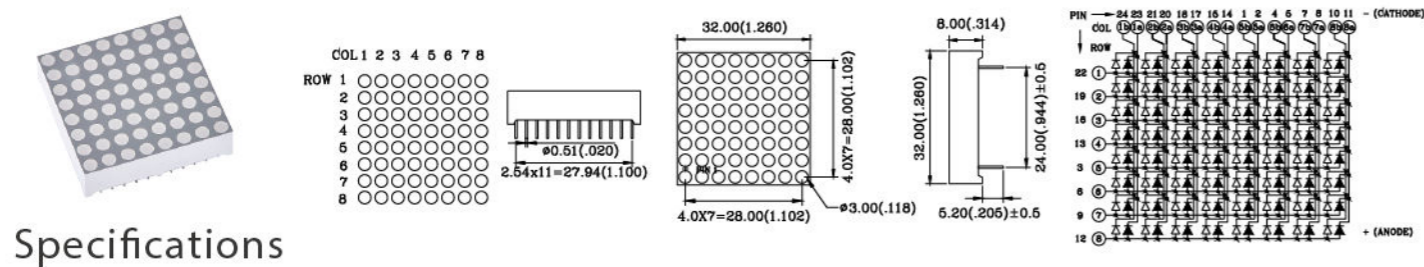
### 3571EG Dimension 1.2 inch 5 x 7



#### Specifications

| Common Anode |             | Color   | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|---------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN     |         |                                       |  |                            | Typ.         | Max. |
| A3571GR      | MYA30GR006G | ● Green | 567                                   | 30                                       | 20                         | 2.0          | 2.4  |
|              |             | ● Red   | 632                                   | 35                                       |                            | 1.9          | 2.3  |

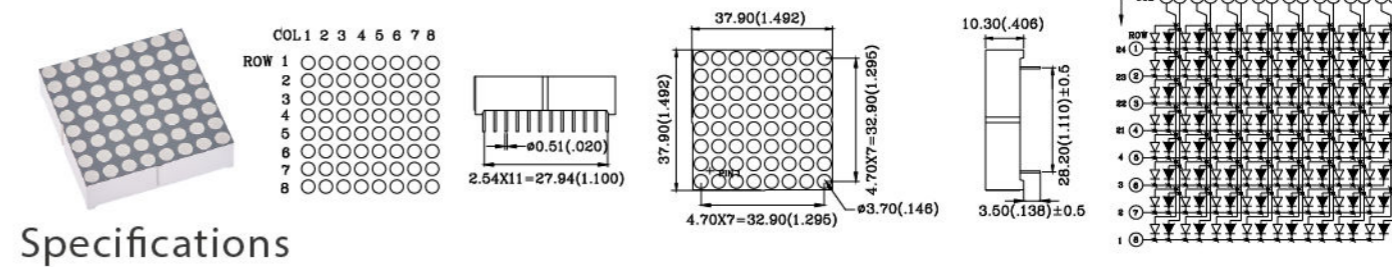
### 3880EG Dimension 1.2 inch 8 x 8



#### Specifications

| Common Anode |             | Color | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|-------------|-------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN     |       |                                       |  |                            | Typ.         | Max. |
| A3880SRDG4   | MWA30RG088G | Red   | 640                                   | 6  | 20                         | 1.9          | 2.3  |
|              |             | Green | 570                                   | 11                                       |                            | 2.0          | 2.4  |

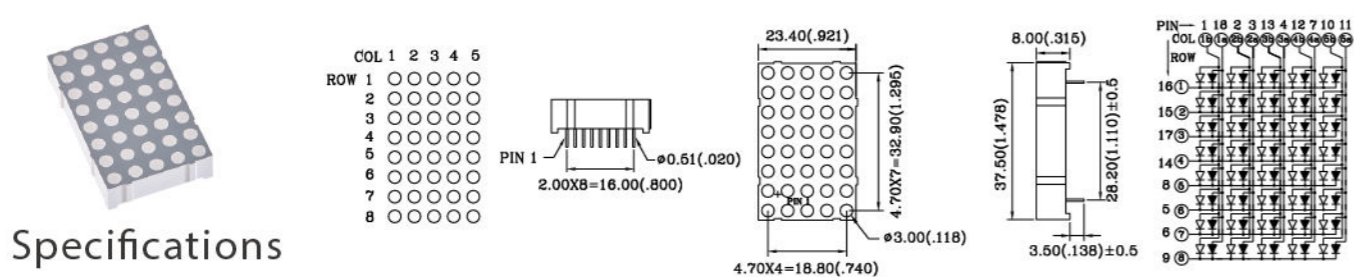
### 4880EG Dimension 1.5 inch 8 x 8



#### Specifications

| Common Anode |               | Color | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|---------------|-------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN       |       |                                       |  |                            | Typ.         | Max. |
| A4880LRG1    | MUA40LRG1010G | Red   | 630                                   | 35                                       | 20                         | 1.9          | 2.3  |
|              |               | Green | 570                                   | 30                                       |                            | 2.0          | 2.4  |

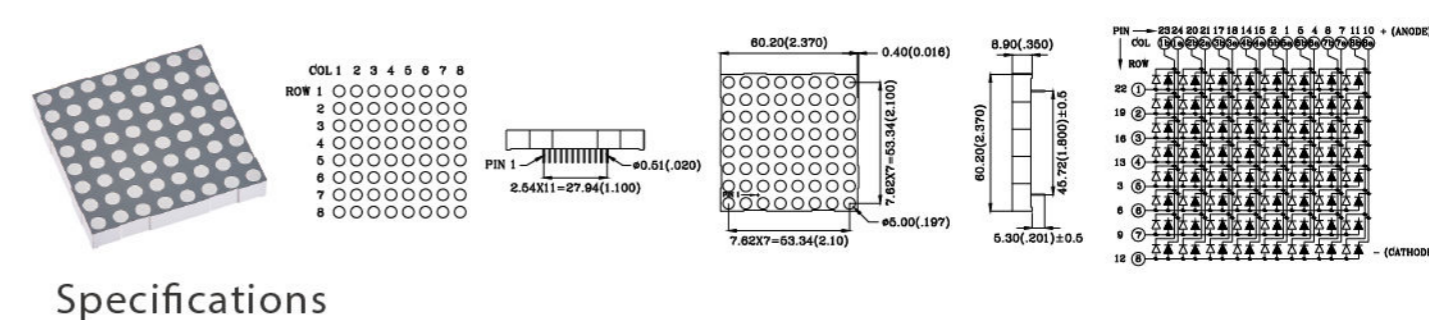
### 3580EG Dimension 1.5 inch 5 x 8



#### Specifications

| Common Anode |            | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|------------|--------------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN    |              |                                       |  |                            | Typ.         | Max. |
| C3580EG      | MHC30EG300 | Super Red    | 628                                   | 3  | 10                         | 2.0          | 2.6  |
|              |            | Yellow Green | 570                                   | 2.8                                      |                            | 2.4          |      |

### 5880EG Dimension 2.4 inch 8 x 8



#### Specifications

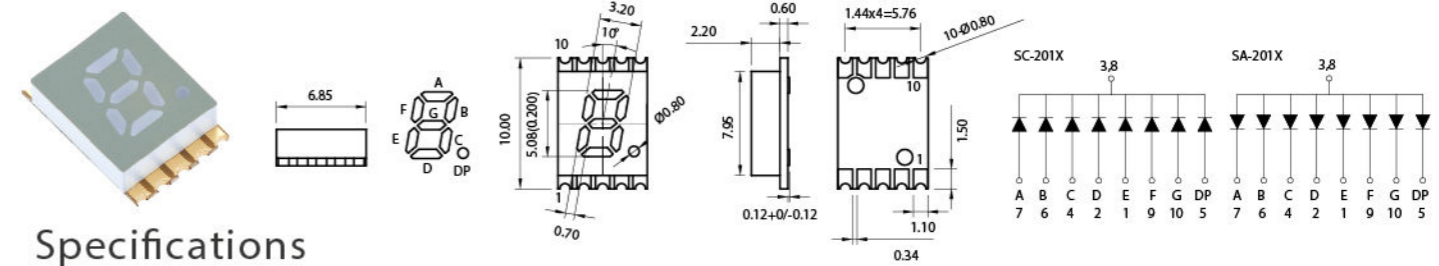
| Common Anode |              | Color | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) | VF (V) 20 mA |      |
|--------------|--------------|-------|---------------------------------------|--|----------------------------|--------------|------|
| Series       | Ref. PN      |       |                                       |  |                            | Typ.         | Max. |
| A5880GSR     | MPA50GSR082G | Red   | 640                                   | 4  | 20                         | 1.9          | 2.2  |
|              |              | Green | 571                                   | 8  |                            | 2.0          | 2.3  |

# SMT Series Applications

- ◆ Dashboard
- ◆ Elevator Floor
- ◆ Indicator
- ◆ Home appliance
- ◆ Power meter
- ◆ Medical device
- ◆ Weighing scale



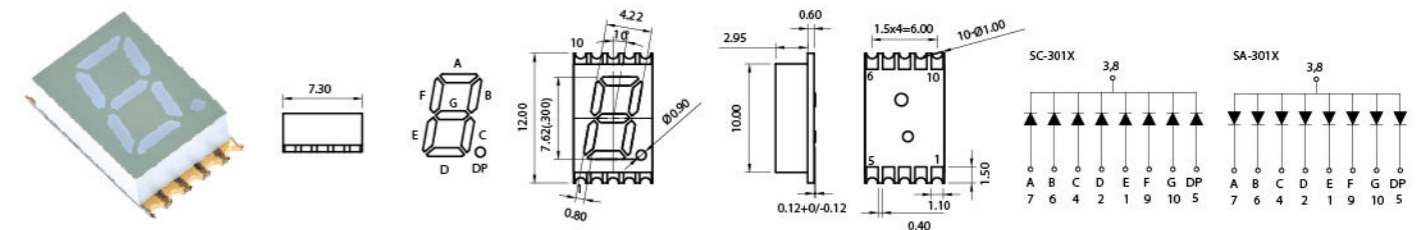
## SC/A-201X Dimension 0.2 inch



## Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|
| Series       | Ref. PN     |              |                                       |  |                            |
| SA-201LE1    | SA201LE1082 | Orange Red   | 622                                   | 8  | 10                         |
| SA-201G1     | SA201G1092  | Yellow Green | 570                                   | 2  |                            |
| SA-201UB     | SA201UB102  | Blue         | 466                                   | 5  | 5                          |
| SA-201UW     | SA201UW112  | White        | (0.29, 0.29)                          | 28                                       |                            |

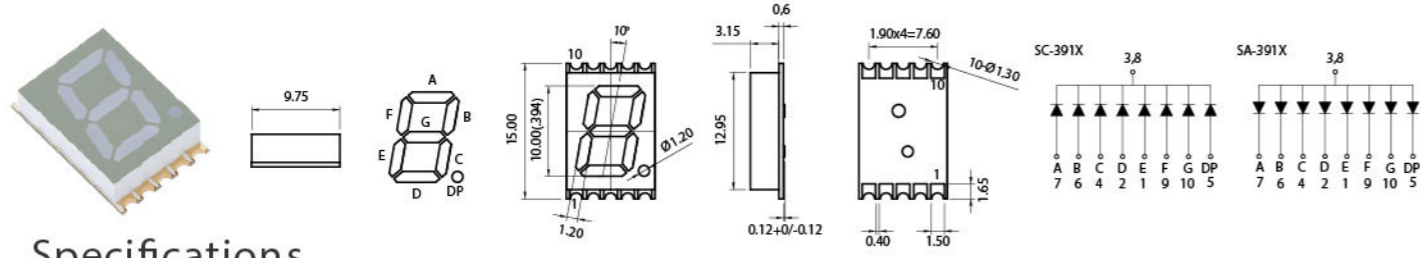
## SC/A-301X Dimension 0.3 inch



## Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|
| Series       | Ref. PN     |              |                                       |  |                            |
| SA-301LE1    | SA301LE1083 | Orange Red   | 622                                   | 10                                       | 10                         |
| SA-301G1     | SA301G1093  | Yellow Green | 570                                   | 2  |                            |
| SA-301UB     | SA301UB103  | Blue         | 466                                   | 5  | 5                          |
| SA-301UW     | SA301UW113  | White        | (0.29, 0.29)                          | 35                                       |                            |

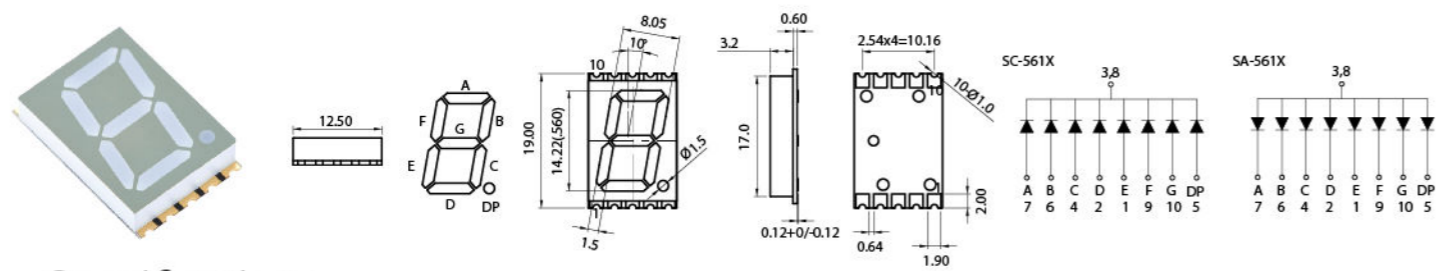
SC/A-391X Dimension 0.39 inch



Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|
| Series       | Ref. PN     |              |                                       |  |                            |
| SA-391LR1    | SA391LR1084 | Super Red    | 634                                   | 8  | 10                         |
| SA-391G1     | SA391G1094  | Yellow Green | 570                                   | 2  |                            |
| SA-391UB     | SA391UB104  | Blue         | 466                                   | 5  | 5                          |
| SA-391UW     | SA391UW114  | White        | (0.28, 0.28)                          | 28                                       |                            |

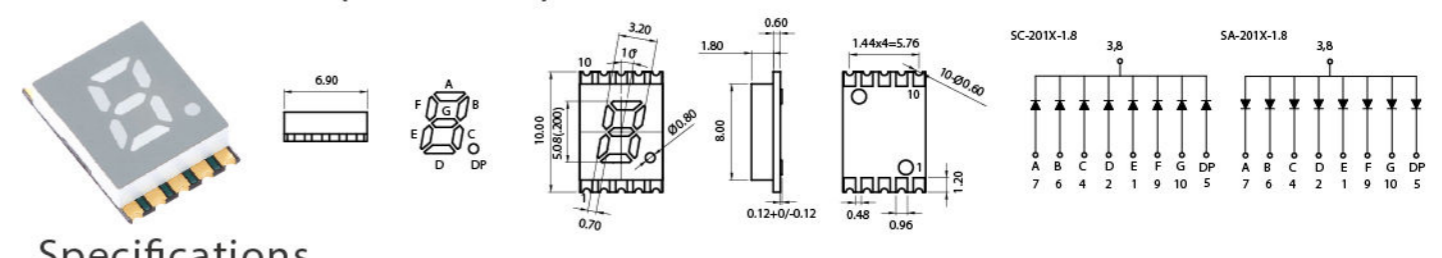
SC/A-561X Dimension 0.56 inch



Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|
| Series       | Ref. PN     |              |                                       |  |                            |
| SA-561LR1    | SA561LR1085 | Super Red    | 633                                   | 8  | 10                         |
| SA-561G1     | SA561G1095  | Yellow Green | 570                                   | 10                                       |                            |
| SA-561UB     | SA561UB105  | Blue         | 466                                   | 8  | 5                          |
| SA-561UW     | SA561UW115  | White        | (0.28, 0.28)                          | 50                                       |                            |

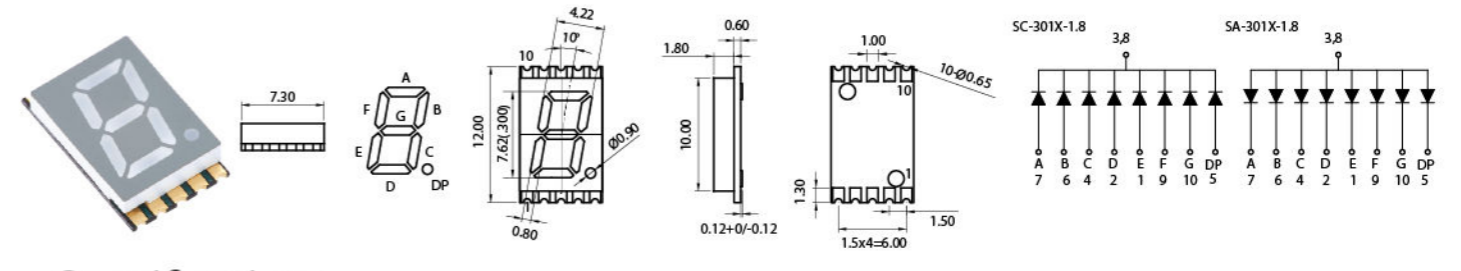
SC/A-201X-1.8 (Ultra Thin) Dimension 0.2 inch



Specifications

| Common Anode  |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|---------------|-------------|--------------|---------------------------------------|--|----------------------------|
| Series        | Ref. PN     |              |                                       |  |                            |
| SA-201LE1-1.8 | SA201LE1122 | Orange Red   | 622                                   | 15                                       | 10                         |
| SA-201G1-1.8  | SA201G1123  | Yellow Green | 570                                   | 3.5                                      |                            |
| SA-201UB-1.8  | SA201UB124  | Blue         | 465                                   | 19                                       | 5                          |
| SA-201UW-1.8  | SA201UW125  | White        | (0.29, 0.29)                          | 30                                       |                            |

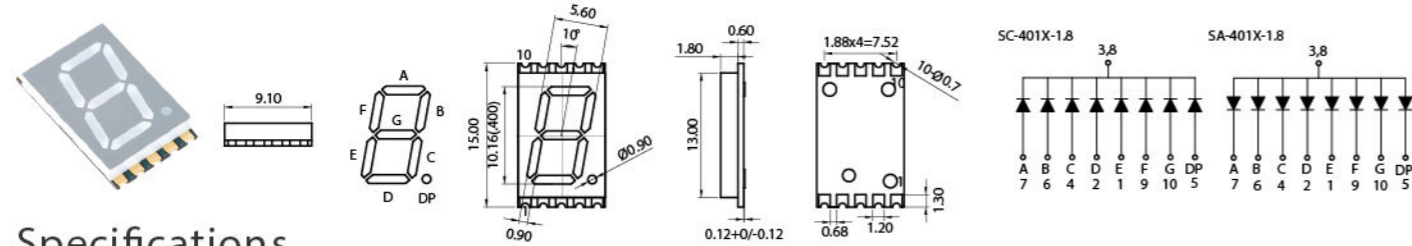
SC/A-301X-1.8 (Ultra Thin) Dimension 0.3 inch



Specifications

| Common Anode  |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|---------------|-------------|--------------|---------------------------------------|--|----------------------------|
| Series        | Ref. PN     |              |                                       |  |                            |
| SA-301LR1-1.8 | SA301LR1126 | Super Red    | 633                                   | 10                                       | 10                         |
| SA-301G1-1.8  | SA301G1127  | Yellow Green | 570                                   | 5  |                            |
| SA-301UB-1.8  | SA301UB128  | Blue         | 466                                   | 10                                       | 5                          |
| SA-301UW-1.8  | SA301UW129  | White        | (0.28, 0.28)                          | 50                                       |                            |

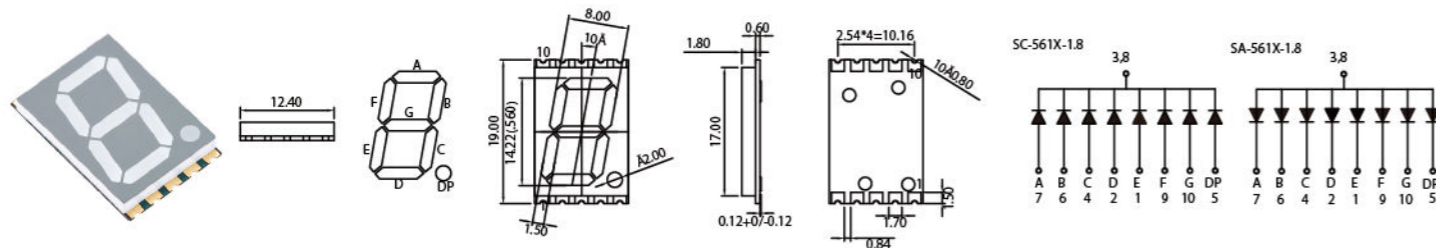
SC/A-401X-1.8 (Ultra Thin) Dimension 0.4 inch



Specifications

| Common Anode  |             | Color          | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|---------------|-------------|----------------|---------------------------------------|--|----------------------------|
| Series        | Ref. PN     |                |                                       |  |                            |
| SA-401LR1-1.8 | SA401LR1130 | ● Super Red    | 631                                   | 22                                       | 10                         |
| SA-401G1-1.8  | SA401G1131  | ● Yellow Green | 570                                   | 8.5                                      |                            |
| SA-401UB-1.8  | SA401UB132  | ● Blue         | 465                                   | 15                                       | 5                          |
| SA-401UW-1.8  | SA401UW133  | ○ White        | (0.28, 0.28)                          | 60                                       |                            |

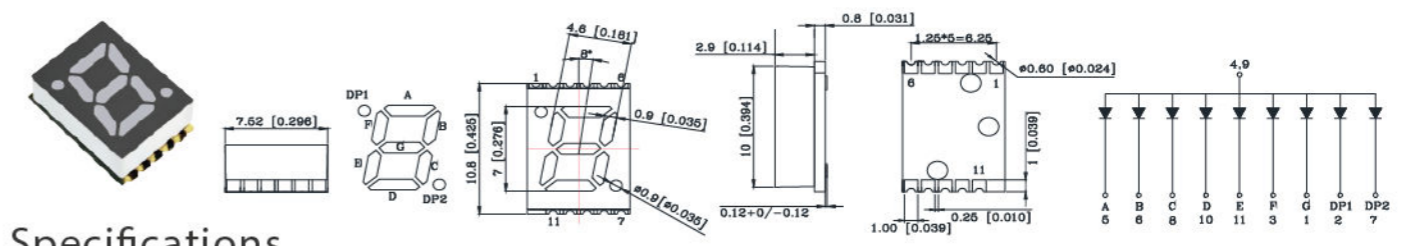
SC/A-561X-1.8 (Ultra Thin) Dimension 0.56 inch



Specifications

| Common Anode  |             | Color          | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|---------------|-------------|----------------|---------------------------------------|--|----------------------------|
| Series        | Ref. PN     |                |                                       |  |                            |
| SA-561LR1-1.8 | SA561LR1134 | ● Super Red    | 633                                   | 17                                       | 10                         |
| SA-561G1-1.8  | SA561G1135  | ● Yellow Green | 570                                   | 10                                       |                            |
| SA-561UB-1.8  | SA561UB136  | ● Blue         | 466                                   | 18                                       | 5                          |
| SA-561UW-1.8  | SA561UW137  | ○ White        | (0.28, 0.28)                          | 85                                       |                            |

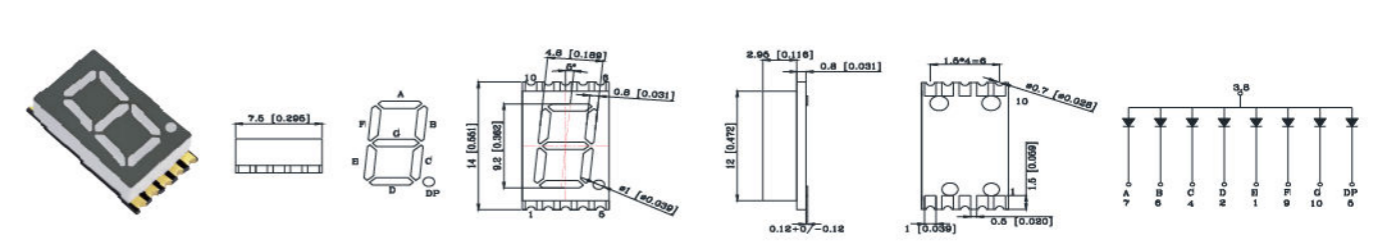
SC/A-281X Dimension 0.28 inch



Specifications

| Common Anode |            | Color          | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|--------------|------------|----------------|---------------------------------------|--|----------------------------|
| Series       | Ref. PN    |                |                                       |  |                            |
| SA-281LE     | SA281LE238 | ● Orange Red   | 620                                   | 10                                       | 10                         |
| SA-281G1     | SA281G1239 | ● Yellow Green | 570                                   | 2.5                                      |                            |
| SA-281UB     | SA281UB240 | ● Blue         | 467                                   | 6.5                                      | 5                          |
| SA-281UW     | SA281UW241 | ○ White        | (0.27, 0.28)                          | 30                                       |                            |

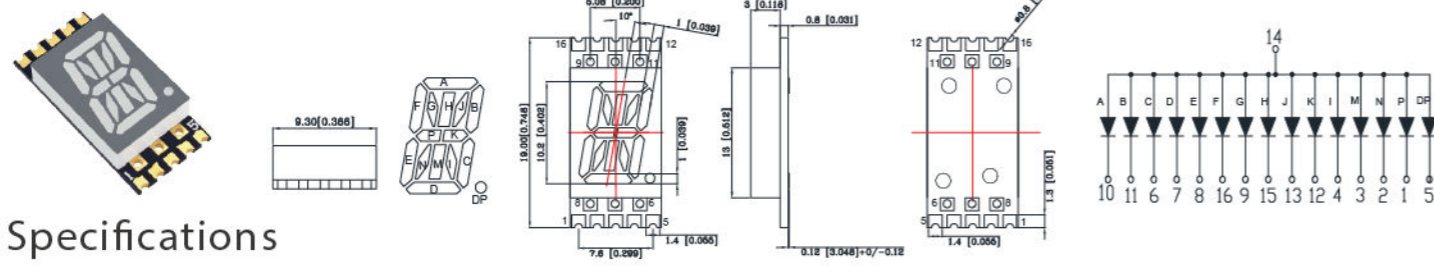
SC/A-361X Dimension 0.36 inch



Specifications

| Common Anode |            | Color          | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|--------------|------------|----------------|---------------------------------------|--|----------------------------|
| Series       | Ref. PN    |                |                                       |  |                            |
| SA-361LE     | SA361LE234 | ● Orange Red   | 620                                   | 17                                       | 10                         |
| SA-361G1     | SA361G1235 | ● Yellow Green | 570                                   | 3.5                                      |                            |
| SA-361UB     | SA361UB236 | ● Blue         | 470                                   | 12                                       | 5                          |
| SA-361UW     | SA361UW237 | ○ White        | (0.30, 0.32)                          | 50                                       |                            |

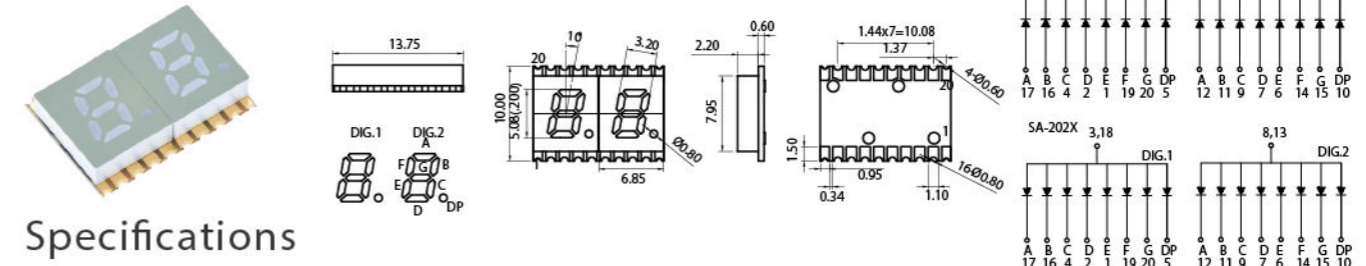
SC/A-408X Dimension 0.4 inch



Specifications

| Common Anode |            | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|--------------|------------|--------------|---------------------------------------|--|----------------------------|
| Series       | Ref. PN    |              |                                       |  |                            |
| SA-408LE     | SA408LE242 | Orange Red   | 620                                   | 8.5                                      | 10                         |
| SA-408G1     | SA408G1243 | Yellow Green | 570                                   | 1.5                                      |                            |
| SA-408UB     | SA408UB244 | Blue         | 466                                   | 5  | 5                          |
| SA-408UW     | SA408UW245 | White        | (0.28, 0.29)                          | 24                                       |                            |

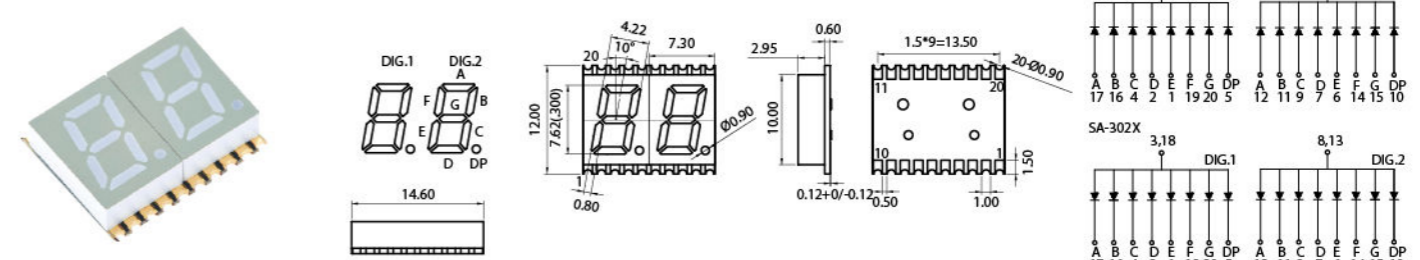
SC/A-202X Dimension 0.2 inch



Specifications

| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|
| Series       | Ref. PN     |              |                                       |  |                            |
| SA-202LE1    | SA202LE1086 | Orange Red   | 622                                   | 8  | 10                         |
| SA-202G1     | SA202G1096  | Yellow Green | 570                                   | 2  |                            |
| SA-202UB     | SA202UB106  | Blue         | 465                                   | 5  | 5                          |
| SA-202UW     | SA202UW116  | White        | (0.29, 0.29)                          | 28                                       |                            |

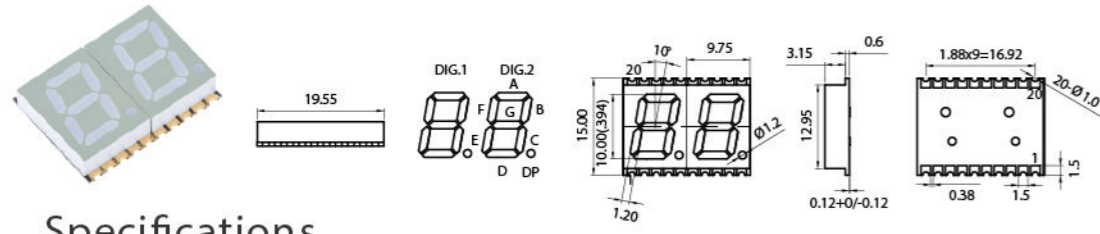
SC/A-302X Dimension 0.3 inch



Specifications

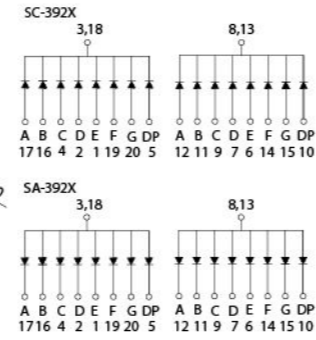
| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|
| Series       | Ref. PN     |              |                                       |  |                            |
| SA-302LE1    | SA302LE1087 | Orange Red   | 622                                   | 10                                       | 10                         |
| SA-302G1     | SA302G1097  | Yellow Green | 570                                   | 2  |                            |
| SA-302UB     | SA302UB107  | Blue         | 466                                   | 5  | 5                          |
| SA-302UW     | SA302UW117  | White        | (0.29, 0.29)                          | 35                                       |                            |

SC/A-392X Dimension 0.4 inch

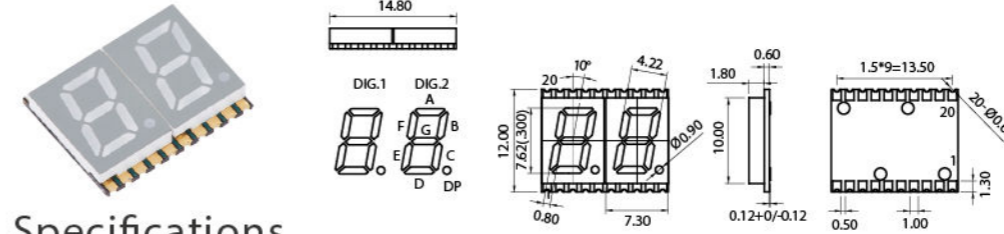


Specifications

| Common Anode |             | Color          | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|--------------|-------------|----------------|---------------------------------------|--|----------------------------|
| Series       | Ref. PN     |                |                                       |  |                            |
| SA-392LR1    | SA392LR1088 | ● Super Red    | 634                                   | 7.5                                      | 10                         |
| SA-392G1     | SA392G1098  | ● Yellow Green | 570                                   | 4  |                            |
| SA-392UB     | SA392UB108  | ● Blue         | 467                                   | 9  | 5                          |
| SA-392UW     | SA392UW118  | ○ White        | (0.28, 0.28)                          | 50                                       |                            |

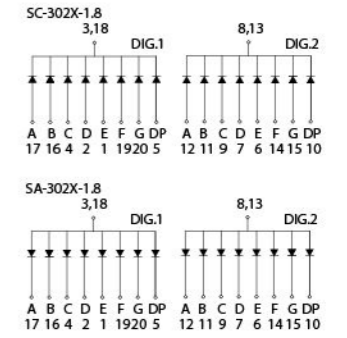


SC/A-302X-1.8 (Ultra Thin) Dimension 0.3 inch

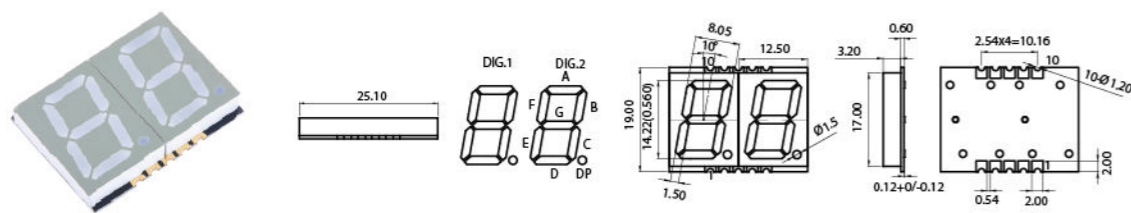


Specifications

| Common Anode  |             | Color          | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|---------------|-------------|----------------|---------------------------------------|--|----------------------------|
| Series        | Ref. PN     |                |                                       |  |                            |
| SA-302LR1-1.8 | SA302LR1138 | ● Super Red    | 633                                   | 10                                       | 10                         |
| SA-302G1-1.8  | SA302G1139  | ● Yellow Green | 570                                   | 5  |                            |
| SA-302UB-1.8  | SA302UB140  | ● Blue         | 466                                   | 10                                       | 5                          |
| SA-302UW-1.8  | SA302UW141  | ○ White        | (0.28, 0.28)                          | 50                                       |                            |

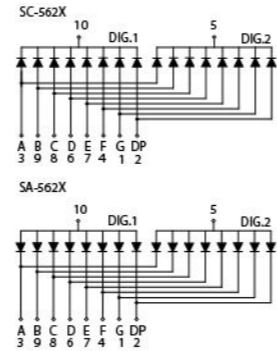


SC/A-562X Dimension 0.56 inch

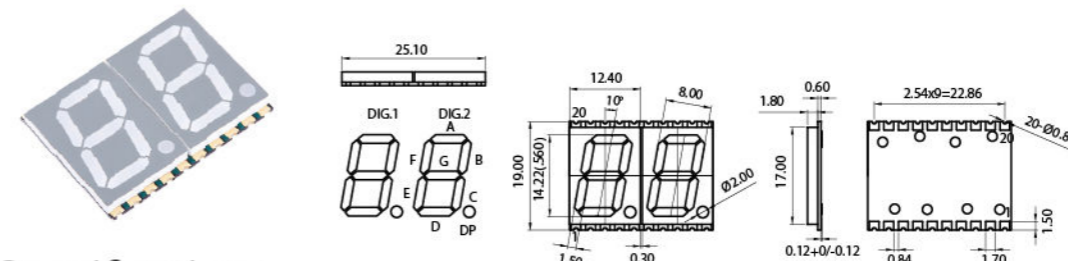


Specifications

| Common Anode |             | Color          | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|--------------|-------------|----------------|---------------------------------------|--|----------------------------|
| Series       | Ref. PN     |                |                                       |  |                            |
| SA-562LR1    | SA562LR1089 | ● Super Red    | 633                                   | 8  | 10                         |
| SA-562G1     | SA562G1099  | ● Yellow Green | 570                                   | 4  |                            |
| SA-562UB     | SA562UB109  | ● Blue         | 465                                   | 8  | 5                          |
| SA-562UW     | SA562UW119  | ○ White        | (0.28, 0.28)                          | 50                                       |                            |

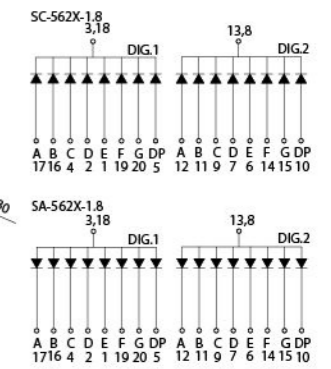


SC/A-562X-1.8 (Ultra Thin) Dimension 0.56 inch



Specifications

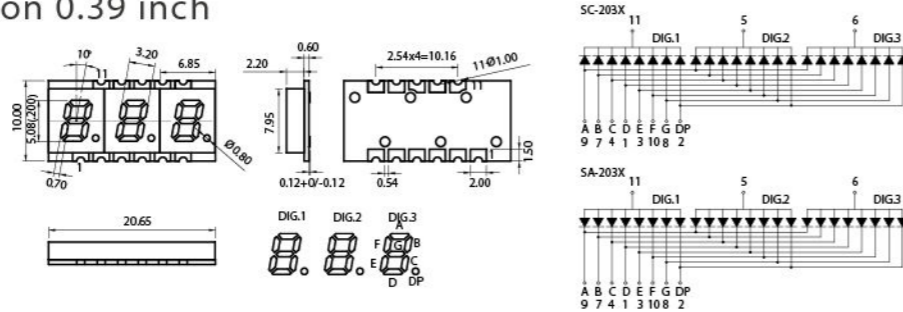
| Common Anode  |             | Color          | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|---------------|-------------|----------------|---------------------------------------|--|----------------------------|
| Series        | Ref. PN     |                |                                       |  |                            |
| SA-562LR1-1.8 | SA562LR1142 | ● Super Red    | 633                                   | 17                                       | 10                         |
| SA-562G1-1.8  | SA562G1143  | ● Yellow Green | 570                                   | 10                                       |                            |
| SA-562UB-1.8  | SA562UB144  | ● Blue         | 466                                   | 18                                       | 5                          |
| SA-562UW-1.8  | SA562UW145  | ○ White        | (0.28, 0.28)                          | 85                                       |                            |



SC/A-203X Dimension 0.39 inch



Specifications

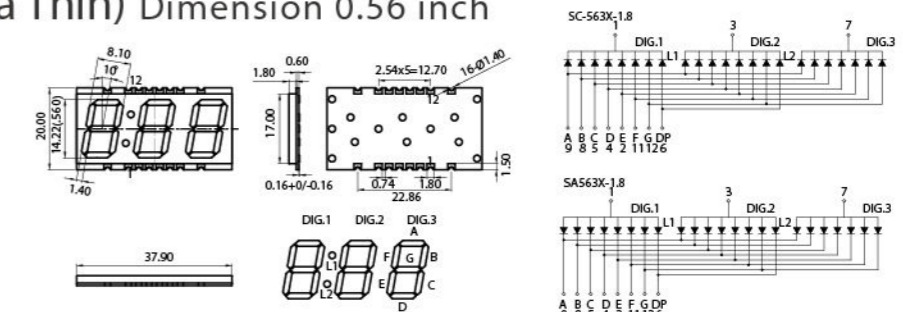


| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|
| Series       | Ref. PN     |              |                                       |  |                            |
| SA-203LE1    | SA203LE1090 | Orange Red   | 622                                   | 8  | 10                         |
| SA-203G1     | SA203G1100  | Yellow Green | 570                                   | 2  |                            |
| SA-203UB     | SA203UB110  | Blue         | 467                                   | 5  | 5                          |
| SA-203UW     | SA203UW120  | White        | (0.29, 0.29)                          | 28                                       |                            |

SC/A-563X-1.8 (Ultra Thin) Dimension 0.56 inch



Specifications

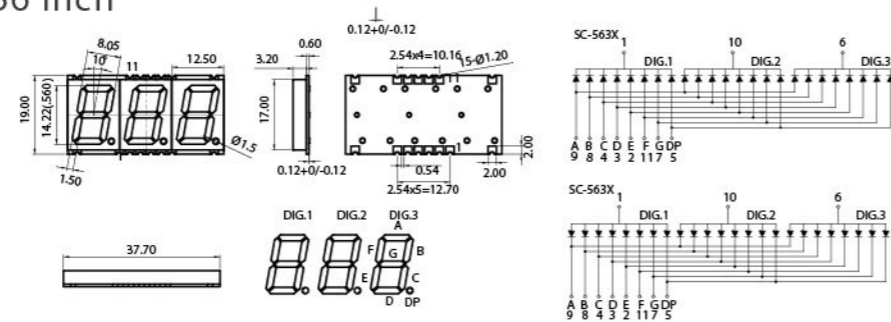


| Common Anode  |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|---------------|-------------|--------------|---------------------------------------|--|----------------------------|
| Series        | Ref. PN     |              |                                       |  |                            |
| SA-563LR1-1.8 | SA563LR1146 | Super Red    | 633                                   | 17                                       | 10                         |
| SA-563G1-1.8  | SA563G1147  | Yellow Green | 570                                   | 7.5                                      |                            |
| SA-563UB-1.8  | SA563UB148  | Blue         | 466                                   | 20                                       | 5                          |
| SA-563UW-1.8  | SA563UW149  | White        | (0.28, 0.28)                          | 120                                      |                            |

SC/A-563X Dimension 0.56 inch



Specifications

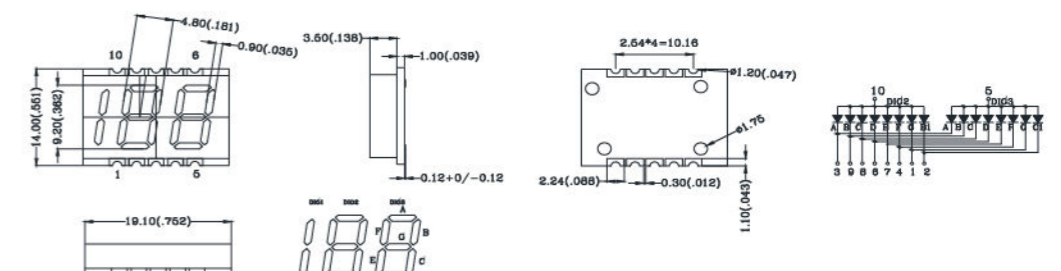


| Common Anode |             | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|--------------|-------------|--------------|---------------------------------------|--|----------------------------|
| Series       | Ref. PN     |              |                                       |  |                            |
| SA-563LR1    | SA563LR1091 | Super Red    | 633                                   | 8  | 10                         |
| SA-563G1     | SA563G1101  | Yellow Green | 570                                   | 4  |                            |
| SA-563UB     | SA563UB111  | Blue         | 465                                   | 8  | 5                          |
| SA-563UW     | SA563UW121  | White        | (0.28, 0.28)                          | 60                                       |                            |

SC/A-188X Dimension 0.3 inch



Specifications

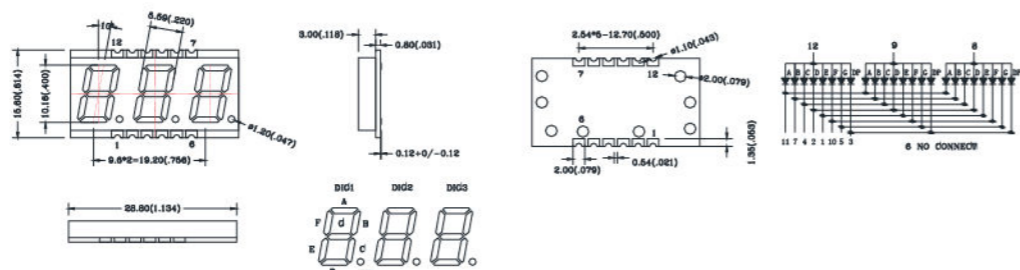


| Common Anode |            | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|--------------|------------|--------------|---------------------------------------|--|----------------------------|
| Series       | Ref. PN    |              |                                       |  |                            |
| SA-188LE     | SA3A3LE250 | Orange Red   | 620                                   | 13                                       | 10                         |
| SA-188G      | SA3A3G1251 | Yellow Green | 571                                   | 2.8                                      |                            |
| SA-188UB     | SA3A3UB252 | Blue         | 468                                   | 7.5                                      | 5                          |
| SA-188UW     | SA3A3UW253 | White        | (0.27, 0.28)                          | 30                                       |                            |

SC/A-403X Dimension 0.4 inch



Specifications

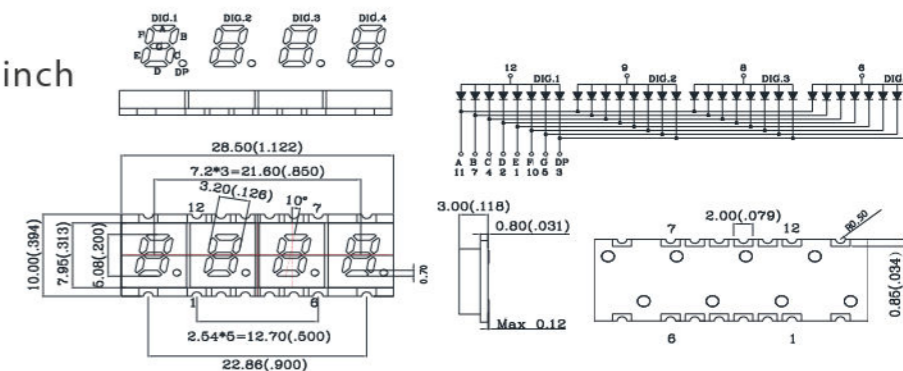


| Common Anode |            | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|--------------|------------|--------------|---------------------------------------|--|----------------------------|
| Series       | Ref. PN    |              |                                       |  |                            |
| SA-403LE1    | SA403LE254 | Orange Red   | 620                                   | 16.8                                     | 10                         |
| SA-403G1     | SA403G1255 | Yellow Green | 571                                   | 3.5                                      |                            |
| SA-403UB     | SA403UB256 | Blue         | 469                                   | 9.5                                      | 5                          |
| SA-403UW     | SA403UW257 | White        | (0.27, 0.28)                          | 43                                       |                            |

SC/A-204X Dimension 0.2 inch



Specifications

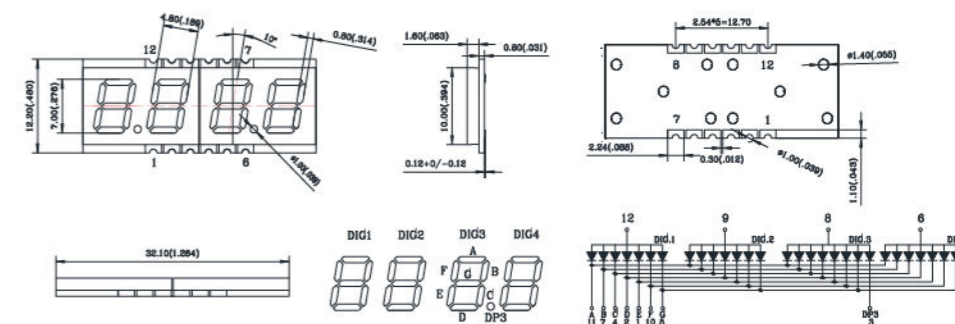


| Common Anode |            | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|--------------|------------|--------------|---------------------------------------|--|----------------------------|
| Series       | Ref. PN    |              |                                       |  |                            |
| SA-204LE     | SA204LE213 | Orange Red   | 620                                   | 10                                       | 10                         |
| SA-204G      | SA204G1246 | Yellow Green | 570                                   | 3  |                            |
| SA-204UB     | SA204UB247 | Blue         | 466                                   | 6.5                                      | 5                          |
| SA-204UW     | SA204UW258 | White        | (0.28, 0.29)                          | 30                                       |                            |

SC/A-284X Dimension 0.2 inch



Specifications



| Common Anode |            | Color        | Wavelength $\lambda_d$ (nm)/CIE (x,y) | Typ. Luminous Intensity $I_v$ (mcd)/Seg. | Forward Current $I_F$ (mA) |
|--------------|------------|--------------|---------------------------------------|--|----------------------------|
| Series       | Ref. PN    |              |                                       |  |                            |
| SA-284LE     | SA284LE258 | Orange Red   | 620                                   | 15                                       | 10                         |
| SA-284G      | SA284G1259 | Yellow Green | 570                                   | 4  |                            |
| SA-284UB     | SA284UB260 | Blue         | 466                                   | 10                                       | 5                          |
| SA-284UW     | SA284UW261 | White        | (0.28, 0.29)                          | 38                                       |                            |