



PARA
light
SINCE 1987

光鼎電子股份有限公司

PARA LIGHT ELECTRONICS CO., LTD

11F, No. 8, Jiankang Rd., Zhonghe Dist., New Taipei City 23586, Taiwan

+886-2-2225-3733

para@para.com.tw

www.para.com.tw



LED SMD & PLCC

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.

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

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.

A background image showing a group of people working together at a table. They are looking at documents and a laptop. The image is slightly blurred, emphasizing the text overlay.

INNOVATE COOPERATION INTEGRITY EVELOPMENT

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.

Top View



P.08 SMD Single Color



P.14 SMD Dual Color



P.15 SMD RGB



P.16 PLCC Single Color



P.20 PLCC RGB



P.21 PLCC IR

Side View



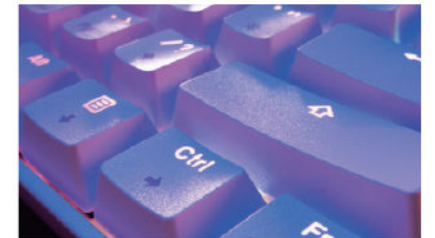
P.24 SMD Single Color



P.25 SMD Dual Color



P.26 SMD RGB



P.27 PLCC Single Color

Dome Lens



P.30 SMD Single Color



P.32 Invisible LED



TOP VIEW

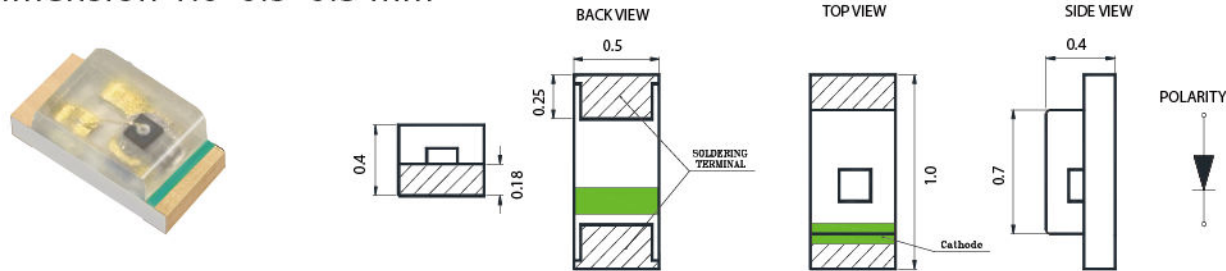
Applications

- ◆ Wearable device
- ◆ Mobile device
- ◆ Medical device
- ◆ Control panel
- ◆ IoT equipment
- ◆ TV backlight
- ◆ LED lighting

SMD Single Color	08
0402 (LC292)	
0603 (LC191)	
0603 (LC191)	
0603 (LC192C)	
0602 (LS193)	
0802 (LS171)	
0805 (LC170)	
1206 (LC150)	
SMD Dual Color	14
0603 (LC295)	
0605 (LC195)	
SMD RGB	15
0606 (LC19F)	
0606 (LC19FIRBCT)	
PLCC Single Color	16
1808 (LT1808)	
3020 (LT650WDT)	
2835 (LT2835WDT)	
3014 (LT3014WDT)	
3528 Series	
3535 (LT3535)	
PLCC RGB	20
3528 Series	
5050 (LT69FRGB)	
LS020	
PLCC IR	21
2835 Series	

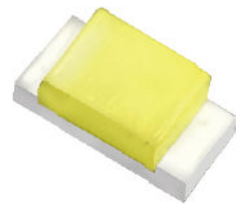
SMD Single Color 0402 (LC292)

Dimension 1.0*0.5*0.3 mm



Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LC292LBCT-5A	Blue	470	Water Clear	45	120	2.8	25
LC292LGCT-5A	Super Green	525		280		2.9	
LC292JGCT-5A	Super Green	571		25		2.0	
LC292JYCT-5A	Super Yellow	590		45		2.0	
LC292JRCT-5A	Super Red	630		28		2.0	
LC292JFCT-5A	Orange	604		45		2.0	5
LC292JECT-5A	Super Red	620		45		1.8	
LC292WDT-5A	White	(0.30, 0.30)	Yellow Diffused	210	130	2.8	20



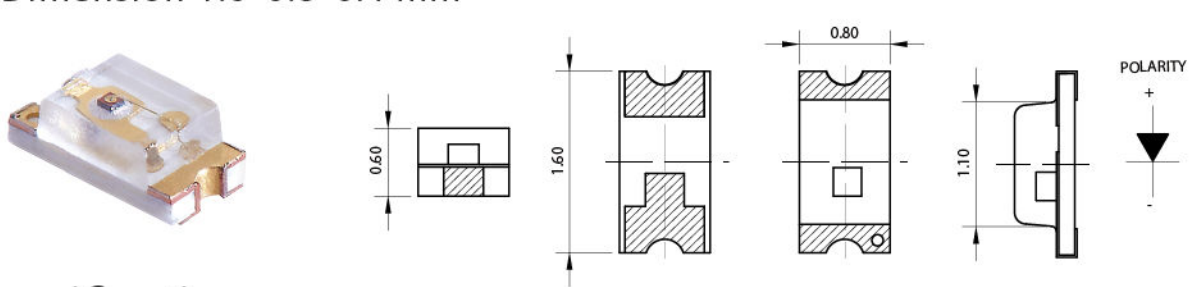
Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LC292PJGCT-5A	Yellow Green	568	Water Clear	4.5	120	1.8	25
LC292PJYCT-5A	Yellow	585		18			
LC292PJECT-5A	Orange	618		18			



Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LC292WDT-5A-D	White	(0.26, 0.26)	Yellow Diffused	250	130	2.8	20
LC292WDT-NW-YY		(0.315, 0.310)		210	120		

SMD Single Color 0603 (LC191)

Dimension 1.6*0.8*0.4 mm

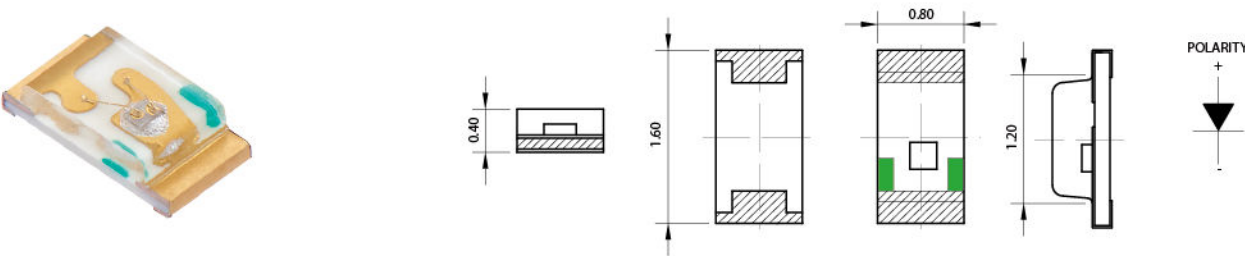


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LC191LBCT	Blue	470	Water Clear	100	130	3.0	20
LC191LGCT	Green	525		700		3.1	
LC191JGCT	Yellow Green	570		30		2.1	
LC191JYCT	Yellow	590		100		2.1	
LC191KYCT	Super Yellow	590		100		2.0	
LC191JFCT	Super Amber	605		50		1.85	5
LC191JRCT	Super Red	631		50		2.1	20
LC191WDT-5mA	White	(0.28, 0.28)	Yellow Diffused	280	130	2.7	5

SMD Single Color 0603 (LC192)

Dimension 1.6*0.8*0.4 mm

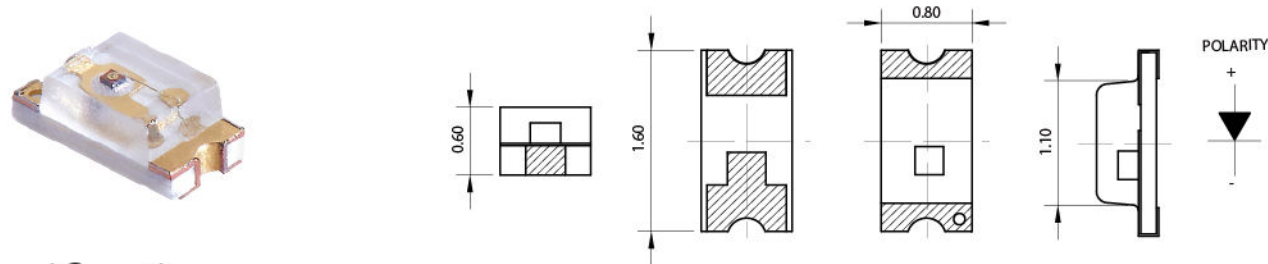


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LC192LBCT	Blue	470	Water Clear	100	130	3.2	20
LC192LGCT	Green	525		300		3.0	20
LC192JGCT-5A	Yellow Green	569		10		2.0	5
LC192JYCT	Yellow	590		80		2.1	20
LC192KFCT	Super Amber	605		100		2.0	20
LC192JRCT-5AK1	Super Red	631		28		1.9	5
LC192WDT	White	(0.30, 0.30)	Yellow Diffused	150	130	2.8	5

SMD Single Color 0603 (LC191)

Dimension 1.6*0.8*0.4 mm

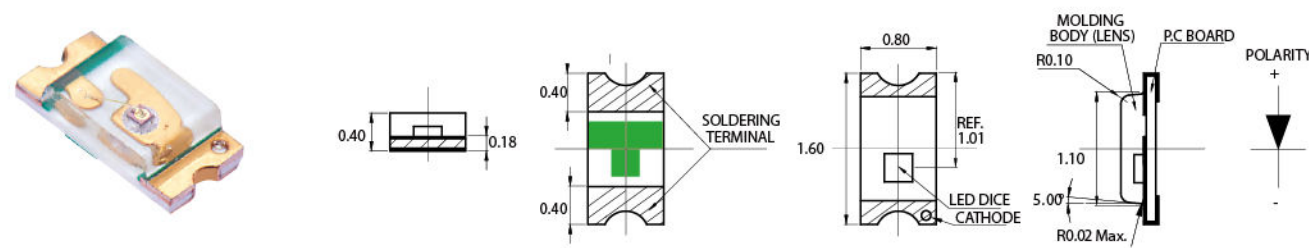


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LC191LBCT	Blue	470	Water Clear	100	130	3.0	20
LC191LGCT	Green	525		700		3.1	
LC191JGCT	Yellow Green	570		30		2.1	
LC191JYCT	Yellow	590		100		2.1	
LC191KYCT	Super Yellow	590		100		2.0	30
LC191JFCT	Super Amber	605		50		1.85	5
LC191JRCT	Super Red	631		50		2.1	20
LC191WDT-5mA	White	(0.28, 0.28)	Yellow Diffused	280	130	2.7	5

SMD Single Color 0603 (LC192C)

Dimension 1.6*0.8*0.4 mm

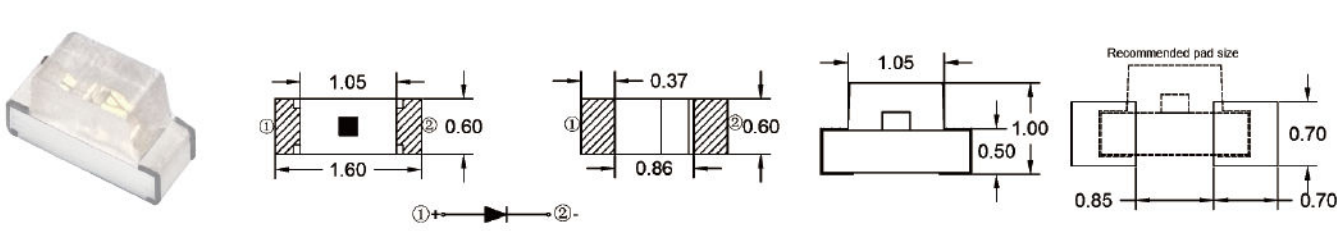


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LC192CBCT-5A	Blue	470	Water Clear	30	130	2.8	5
LC192CGCT-5A	Yellow Green	571		10		2.0	
LC192CYCT-5A	Yellow	590		38		2.2	
LC192CFCT-5A	Super Amber	605		38		1.8	
LC192CRCT-5A	Super Red	631		12		1.9	
LC192CWDT-HM	White	(0.30, 0.27)	Yellow Diffused	130	130	2.9	5

SMD Single Color 0602 (LS193)

Dimension 1.6*0.6*1.0 mm

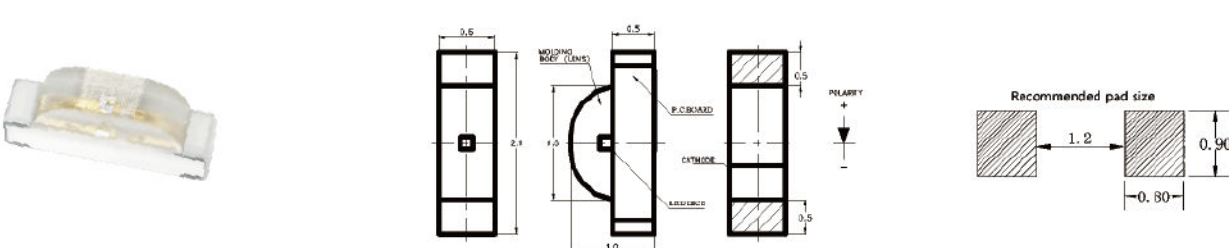


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LS193LBCT-5A	Blue	480	Water Clear	35	120	2.3	25
LS193LGCT-5A	Green	512		180		2.5	30
LS193JGCT	Yellow Green	567		15		1.8	25
LS193JYCT-5A	Yellow	587		20		1.7	
LS193JFCT	Orange	598		75		1.8	
LS193JRCT-5A	Red	617	Yellow Diffused	20	120	1.7	30
LS193WDT-5A	White	(0.25, 0.24)		220		2.6	

SMD Single Color 0802 (LS171)

Dimension 2.1*0.6*1.0 mm

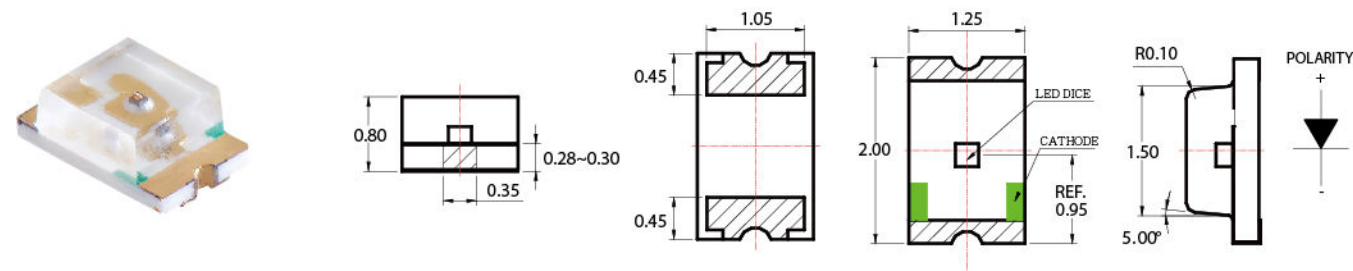


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LS171LBCT	Blue	460	Water Clear	75	120	2.8	30
LS171LGCT	Green	517		400		2.8	
LS171JGCT	Yellow Green	566		20		1.8	
LS171JYCT	Yellow	587		75		1.8	
LS171JFCT	Orange	599		75		1.8	
LS171KRCT	Super Red	620	Yellow Diffused	70	120	1.8	20
LS171WDT-5A	White	(0.26, 0.29)		140		2.6	

SMD Single Color 0805 (LC170)

Dimension 2.0*1.25*0.8 mm

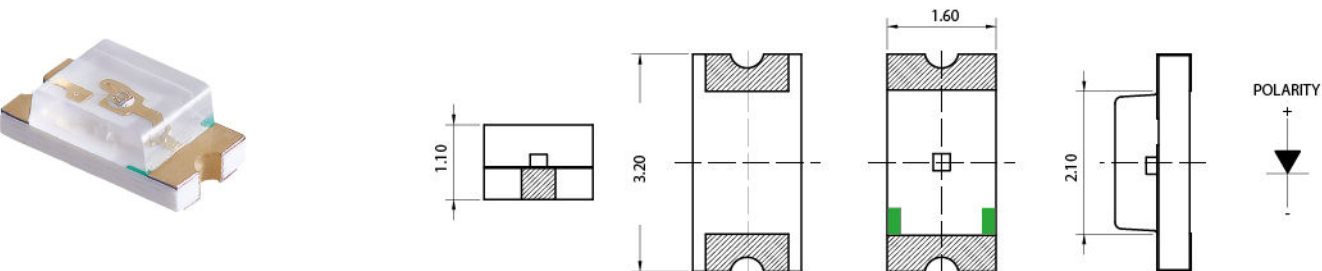


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LC170LBCT	Blue	470	Water Clear	100	130	3.2	20
LC170LGCT	Green	525		300		3.1	
LC170JGCT	Yellow Green	570		40		2.1	
LC170JYCT	Yellow	590		70		2.1	
LC170JFCT	Super Amber	605		80		2.0	
LC170JRCT	Super Red	630		60		1.9	
LC170KRCT	Super Red	631	Yellow Diffused	70	130	2.0	30
LC170WDT	White	(0.30, 0.30)		500		3.1	20

SMD Single Color 1206 (LC150)

Dimension 3.2*1.6*1.1 mm

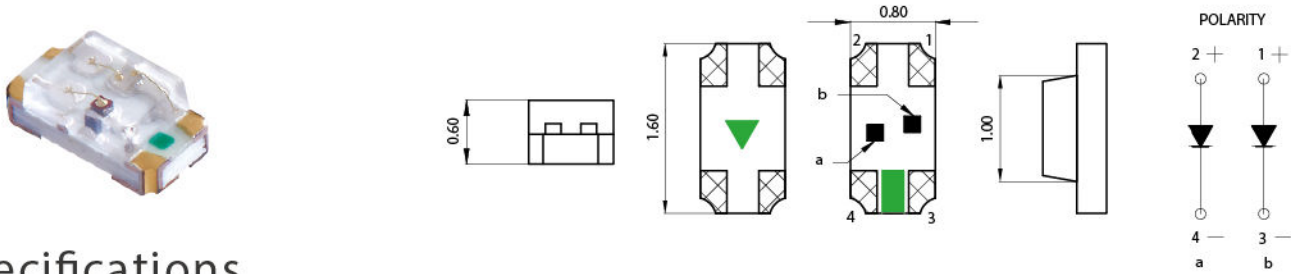


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LC150LBCT	Blue	470	Water Clear	120	130	3.3	20
LC150LGCT	Green	525		300		3.1	20
LC150KGCT	Super Green	570		30		2.05	30
LC150JGCT	Yellow Green	570		40		2.1	20
LC150JYCT	Yellow	590		80		2.1	20
LC150KYCT	Super Yellow	590		100		2.0	30
LC150JFCT	Super Amber	605		71		2.0	20
LC150JRCT	Super Red	631		71		1.9	20
LC150WDT	White	(0.275, 0.268)	Yellow Diffused	1000	130	3.1	20

SMD Dual Color 0603 (LC295)

Dimension 1.6*0.8*0.6 mm

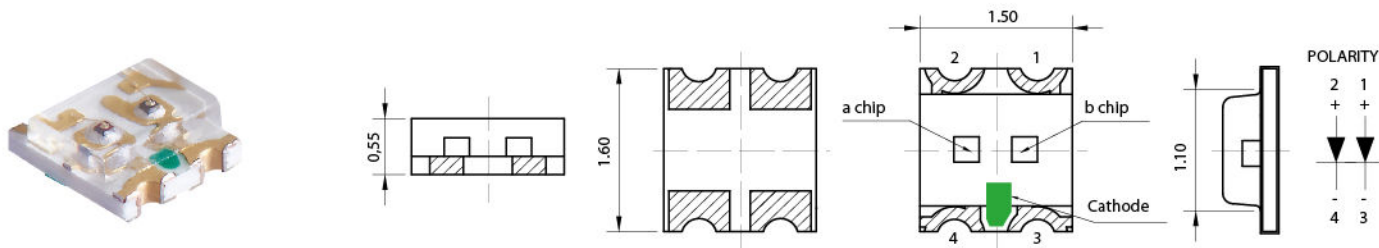


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LC295JRJGCT	Super Red	630	Water Clear	47.5	130	1.9	20
	Yellow Green	567		20.5		2.0	
LC295JYJGCT	Yellow	590		72		1.9	20
	Yellow Green	570		45		2.0	
LC295KYLGCT-BIC-5A	Green	525		250		2.6	5
	Yellow	590		30		1.9	
LC295JRLBCT	Super Red	631	Yellow Diffused	60	130	2.0	20
	Blue	470		160		3.1	
LC295JRWD-5A	Super Red	630		14		1.8	20
	White	(0.325, 0.300)		72		2.9	

SMD Dual Color 0605 (LC195)

Dimension 1.6*1.5*0.55 mm

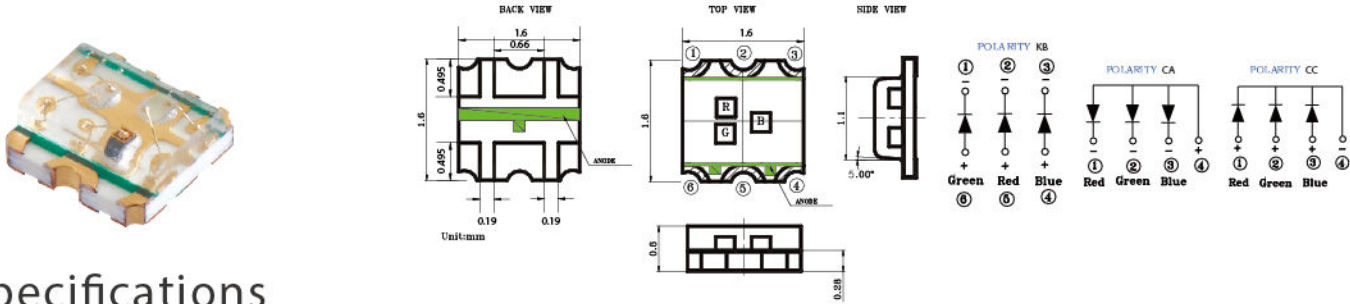


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LC195JRJGCT	Super Red	631	Water Clear	100	130	1.9	20
	Yellow Green	570		30		1.9	
LC195JGJYCT	Yellow	590		90		2.0	
	Yellow Green	572		27		2.0	
LC195JYJGCT	Yellow	590		35		2.0	
	Yellow Green	572		18		2.0	
LC195JRLBCT	Super Red	631	Yellow Diffused	40	130	2.0	5
	Blue	470		140		3.0	
LC195JRLGCT-5A-FMT	Super Red	631		17		1.8	
	Green	525		280		2.7	
LC195JRWD-5A	Super Red	630		18		2.0	5
	White	(0.29, 0.28)		112		2.9	

SMD RGB 0606 (LC19F)

Dimension 1.6*1.6*0.6 mm

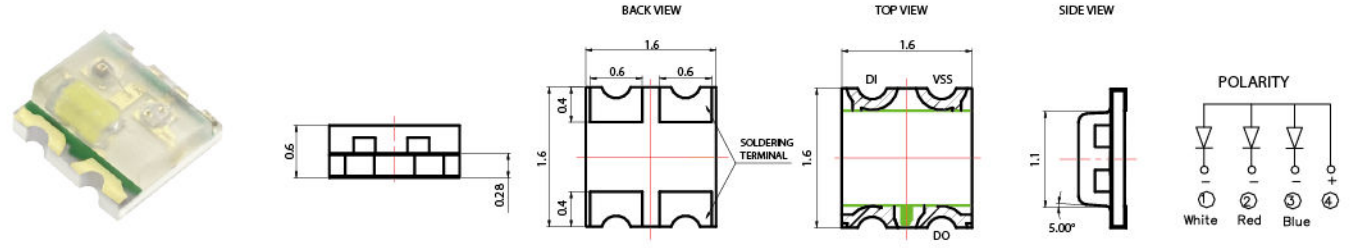


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LC19F1RGBCT-KB	Super Red	621	Water Clear	36	130	1.9	2
	Green	532		120		2.3	
	Blue	467		15		2.6	
LC19F1RGBCT-CA	Super Red	623		112		1.9	20
	Green	525		450		3.1	
	Blue	470		112		3.1	
LC19F1RGBCT-CC	Super Red	623		320		2.1	20
	Green	525		450		3.1	
	Blue	470		112		3.1	

SMD RGB 0606 (LC19F1RBCT)

Dimension 1.6*1.6*0.6 mm

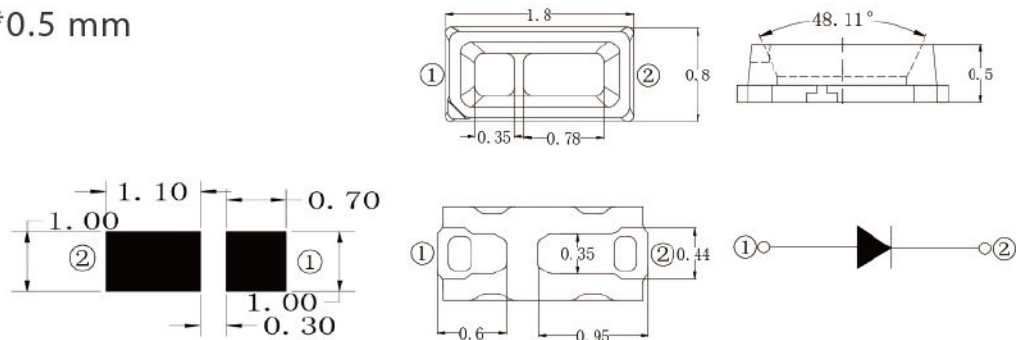


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LC19F1RBWCT-CA	Super Red	620	Water Clear	11.2	130	2.2	25
	Blue	470		28		3.0	
	White	(0.29, 0.30)		71		3.0	

PLCC Single Color 1808 (LT1808)

Dimension 1.8*0.8*0.5 mm

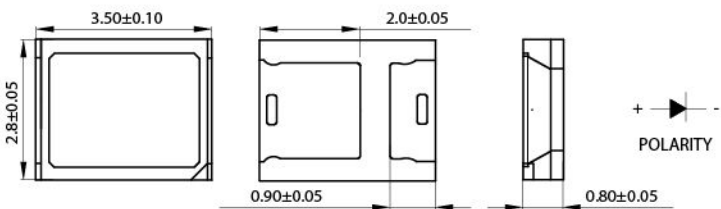


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LT1808LBCT	Blue	462	Water Clear	280	120	2.8	25
LT1808LGCT	Green	519		1050		2.8	
LT1808KGCT	Yellow	586		100		1.8	
LT1808JYCT	Yellow Green	570		42		3.0	30
LT1808KRCT	Red	618		200		3.0	
LT1808WDT-CW	White	(0.31 , 0.34)		1500		2.8	

PLCC Single Color 2835 (LT2835WDT)

Dimension 2.8*3.5*0.8 mm

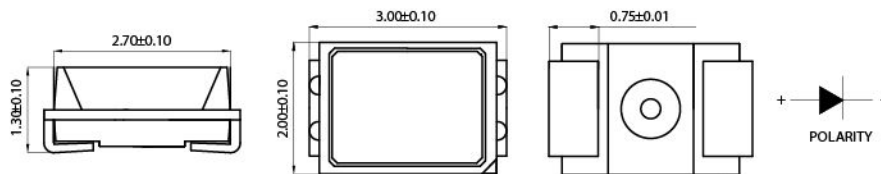


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LT2835WDT-CW	White	7000 ~ 9000	Yellow Diffused	650	120	3	60
LT2835WDT-NW		4000 ~ 5000		6800			
LT2835WDT-WW		2500 ~ 3000		6200			
LT2835WDT-CW		7000 ~ 9000		6500			150
LT2835WDT-NW		4000 ~ 5000		6800			
LT2835WDT-WW		2500 ~ 3000		620			

PLCC Single Color 3020 (LC650WDT)

Dimension 3.0*2.0*1.3 mm

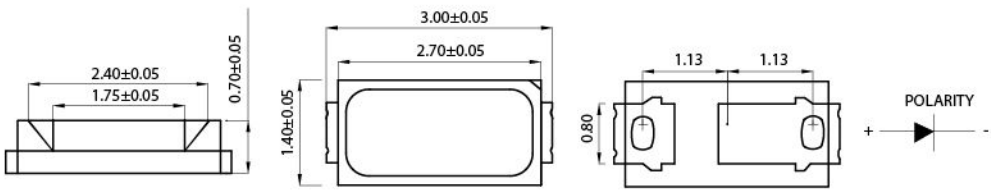


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LT650WDT	White	7000 ~ 9000	Yellow Diffused	3050	120	3.5	20
LT650WDT-NW		4000 ~ 5000		2000		3.0	
LT650WDT-WW		2500 ~ 3000		1800		3.0	

PLCC Single Color 3014 (LT3014WDT)

Dimension 3.0*1.4*0.7 mm

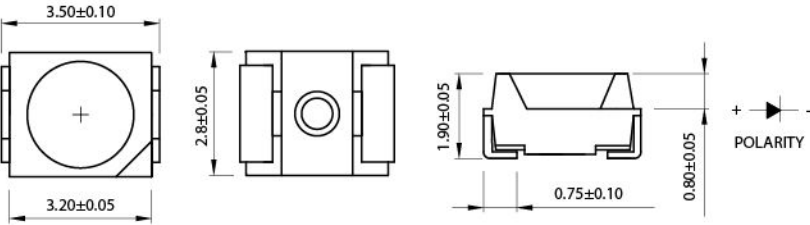


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LT3014CWDT	White	5500 ~ 6500	Yellow Diffused	3000	120	3.0	20
LT3014NWDT		4000 ~ 5000		3400			
LT3014WWDT		2850 ~ 3250		3200			

PLCC Single Color 3528 Series

Dimension 3.5*2.8*1.9 mm



Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LT670WDT-CW	○ White	7000 ~ 9000	Yellow Diffused	2500	120	3.0	20
LT670WDT-NW		6000 ~ 7000		2400			
LT670WDT-WW		2400 ~ 3800		9500			



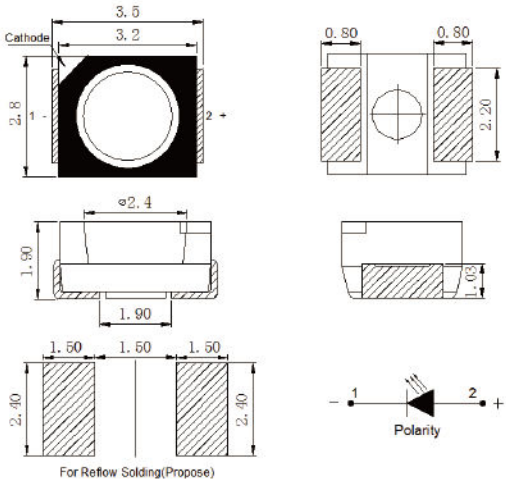
Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LT670LBCT	● Blue	470	Water Clear	480	120	3	20
LT670LGCT	● Green	520		1500		2.9	
LT670KGCT	● Yellow Green	570		100		2	
LT670TYCT	● Yellow	590		715		2.0	
LT670KFCT	● Super Amber	605		190		2.0	
LT670KRCT	● Super Red	630		100		2.0	



Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LT670KRCT-BKS	● Red	625	Water Clear	850	120	2.0	20
LT670LBCT-BKS	● Blue	470		1500		3.4	
LT670LGCT-BKS	● Green	525		2000		3.4	

PLCC Single Color 3528 Series

Dimension 3.5*2.8*1.9 mm

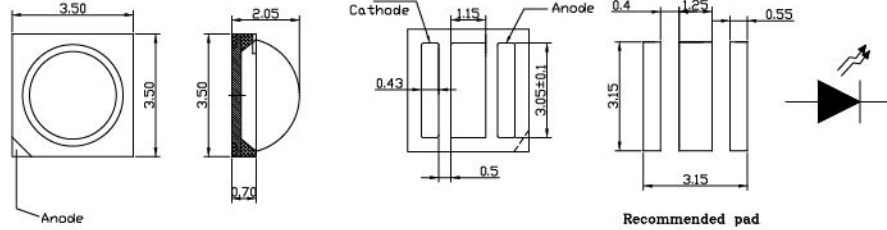


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LT670LBCT-UV-B	● Blue	465	Water Clear	200	120	3.0	20
LT670KGCT-UV-B	● Green	525		1200		3.0	
LT670KRCT-UV-B	● Red	625		500		2.0	
LT670XYCT-UV-B	● Amber	590		500		2.0	
LT670WDT-UV-WW-B	● Warm White	1600 ~ 1700	Yellow Diffused	1500		2.9	30
LT670WDT-UV-CW-B	● Cold white	6300 ~ 6800		2500		3.0	

PLCC Single Color 3535 (LT3535)

Dimension 3.5*3.5*2.05 mm

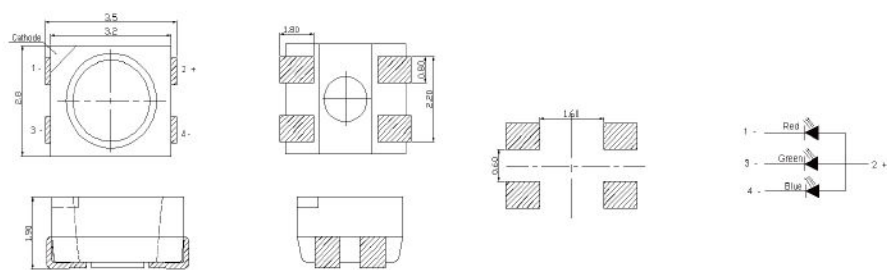


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LT3535LBCT	● Blue	470	Water Clear	45	120	3.1	350
LT3535LGCT	● Green	525		100		3.2	
LT3535KRCT	● Red	621		70		2.3	
LT3535YWCT	● Amber	(0.56, 0.44)		110		3.1	
LT3535WCT	● White	6300 K		150		3.0	

PLCC RGB 3528 Series

Dimension 3.5*2.8*1.9 mm

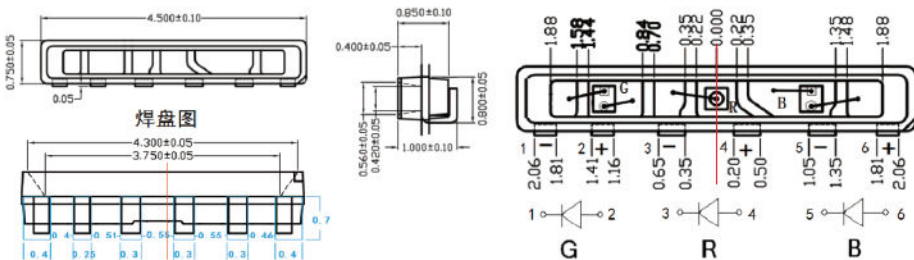


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LT67FRGBCT- 4PIN-BKS	Red	630	Water Clear	700	120	2.0	20
	Green	525		1900		3.0	
	Blue	475		470		3.0	

PLCC RGB LS020

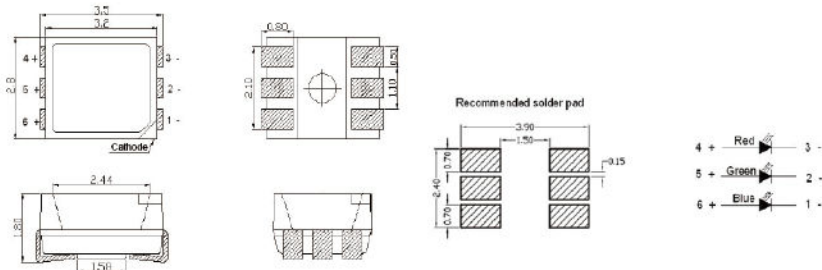
Dimension 0.7*4.5*1.0 mm



Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LS020GRBCT-HH	Red	622	Water Clear	600	120	2.0	20
	Green	520		1300		3.0	
	Blue	469		500		3.0	

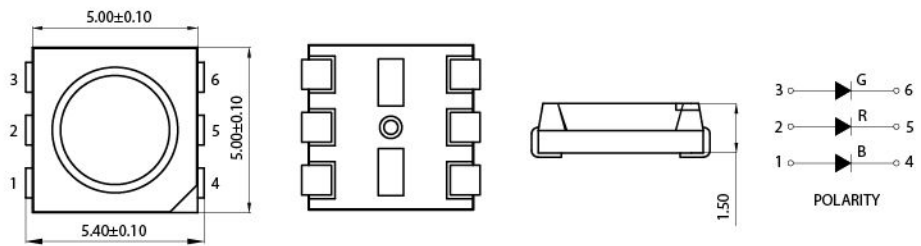
Dimension 3.5*2.8*1.8 mm



Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LT67FRGBCT-BKS	Red	630	Water Clear	954	120	2.4	20
	Green	535		2862		3.4	
	Blue	470		363		3.4	

PLCC RGB 5050 (LT69FRGB)

Dimension 5.0*5.0*1.5 mm

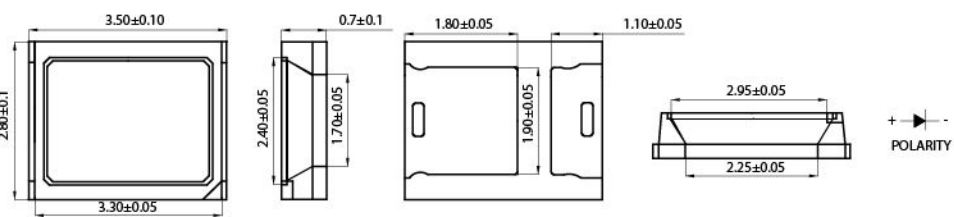


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LT69FRGBCT	Super Red	628	Water Clear	500	120	2.0	20
	Green	525		1550		3.0	
	Blue	465		350		3.0	

PLCC IR 2835 (LT2835)

Dimension 2.8*3.5*0.7 mm



Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LT2835IR4CT-20	IR	850	Water Clear	250	130	1.6	250
LT2835IR4CT-24				350			150



SIDE VIEW

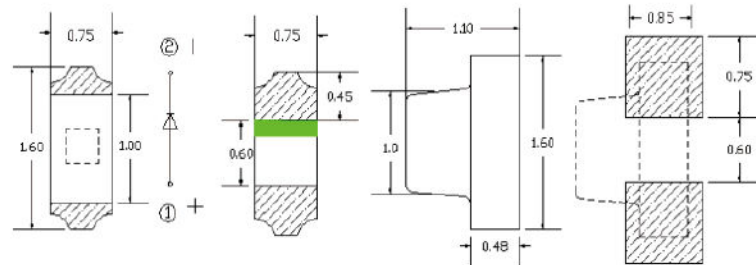
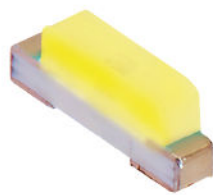
Applications

- ◆ Wearable device
- ◆ Mobile device
- ◆ Medical device
- ◆ Control panel
- ◆ IoT equipment
- ◆ TV backlight
- ◆ LED lighting

SMD Single Color	24
0603 (LS193)	
1204 (LS110)	
1204 (LS111)	
SMD Dual Color	25
1204 (LS115)	
SMD RGB	26
1204 (LS11F)	
PLCC Single Color	27
LS020	
LS2812	

SMD Single Color 0603 (LS193)

Dimension 1.6*0.75*1.1 mm

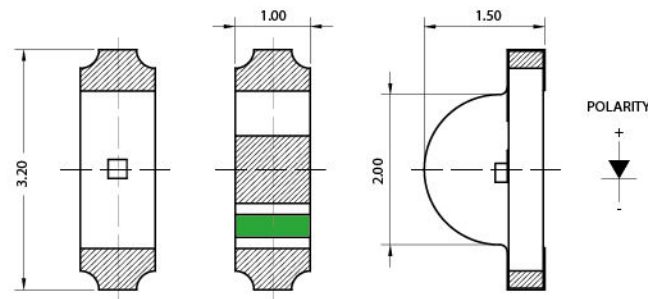


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LS193TBCT-YY	Blue	466	Water Clear	58	120	2.9	5
LS193LGCT-YY	Green	522		250		2.9	
LS193JGCT-YY	Yellow Green	571		34	130	2.1	
LS193JYCT-R-YY	Yellow	590		120		2.1	20
LS193JFCT-YY	Orange	602		120	120	2.1	
LS193JRCT-YY	Super Red	624		145		2.1	
LS193WDT-2A-YY	White	(0.248 0.22)	Yellow Diffused	100		2.8	2

SMD Single Color 1204 (LS110)

Dimension 3.2*1.0*1.5 mm

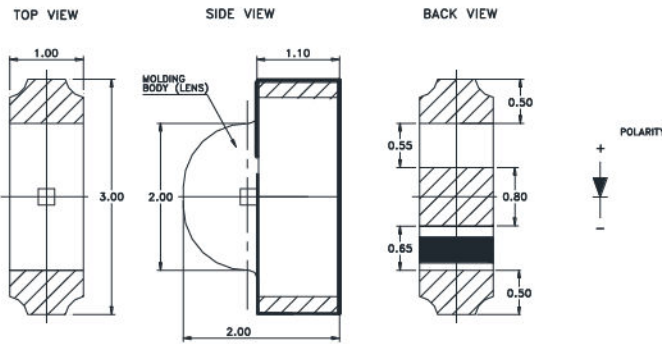


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LS110LBCT	Blue	470	Water Clear	120		3.2	
LS110LGCT	Green	525		300	130	3.1	
LS110JGCT	Yellow Green	570		50		2.05	20
LS110JYCT	Yellow	590		70	120	2.05	
LS110JFCT	Super Amber	605		112		2.0	
LS110JRCT	Super Red	631		60	130	1.9	
LS110WDT-LCFC	White	(0.27, 0.26)	Yellow Diffused	80		2.8	5

SMD Single Color 1204 (LS111)

Dimension 3.0*1.0*2.0 mm

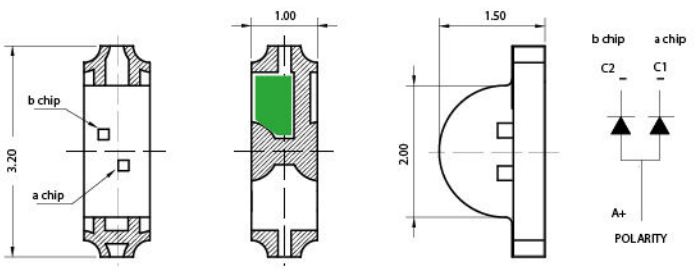


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LS111LBCT-5A	Blue	460	Water Clear	50		2.8	
LS111LGCT-5A	Green	527		280		2.6	
LS111KGCT-5A	Yellow Green	570		10	130	1.85	25
LS111KYCT-5A	Yellow	590		25		1.9	
LS111KFCT-5A	Amber	605		30		1.9	
LS111KRCT-5A	Red	625.5		25		1.85	
LS111WDT-5A	White	(0.28, 0.28)	Yellow Diffused	112	130	2.5	20

SMD Dual Color 1204 (LS115)

Dimension 3.2*1.0*1.5 mm

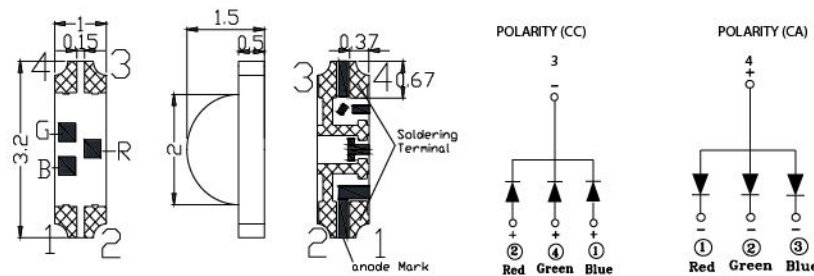
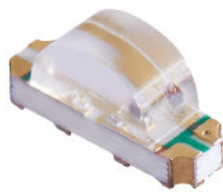


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LS115JRJGCT-5A	Super Red	630	Water Clear	15		1.9	5
	Yellow Green	570		8		2.0	
LS115JFLGCT	Orange	605		100		2.0	
	Green	525		600	130	3.1	
LS115JFJGCT	Super Amber	605		112		2.0	20
	Yellow Green	570		28		2.0	
LS115KFLBCT	Super Amber	605	Yellow Diffused	180		2.0	
	Blue	470		150		3.0	
	Super Amber	605		18	130	2.0	5
LS115JFWDT-LCFC	White	(0.26, 0.24)		80		2.8	

SMD RGB 1204 (LS11F)

Dimension 3.2*1.0*1.5 mm

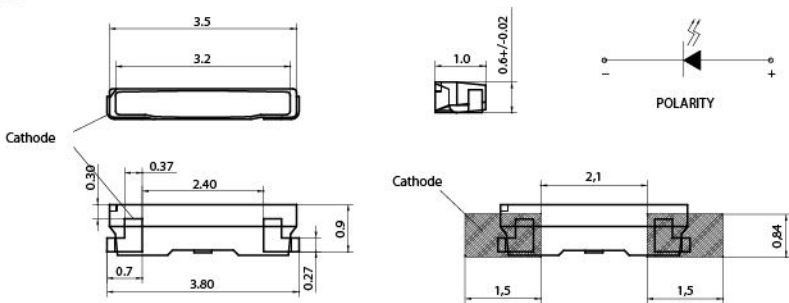


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LS11F1RGBCT-CC	Super Red	623	Water Clear	180	130	1.9	10
	Green	525		450		3.1	
	Blue	470		112		3.1	
LS11F1RGBCT-CA-XM	Super Red	623	Water Clear	180	130	2.0	20
	Green	520		900		3.1	
	Blue	465		180		3.1	

PLCC Single Color LS020

Dimension 3.5*1.0*0.9 mm

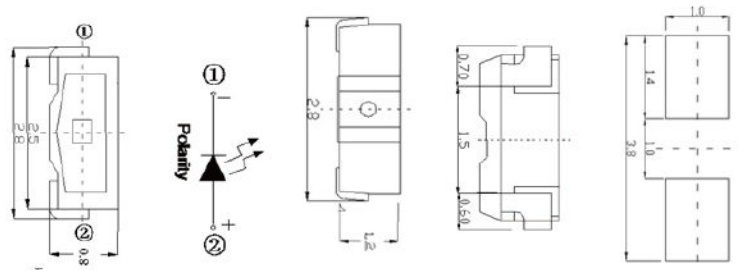


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LS020WDT	White	6500 ~ 7500	Yellow Diffused	3000	110	3.0	20
LS020WWDT		2000 ~ 3000		2500	120		

PLCC Single Color LS2812

Dimension 2.8*0.8*1.2 mm



Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LS2812WDT	White	(0.29, 0.29)	Yellow Diffused	1600	120	5	20
LS2812HECT	Red	630		140			
LS2812LGCT	Green	521		720			
LS2812KYCT	Yellow	592		180	110	3	
LS2812LBCT	Blue	472		230			



DOME LENS

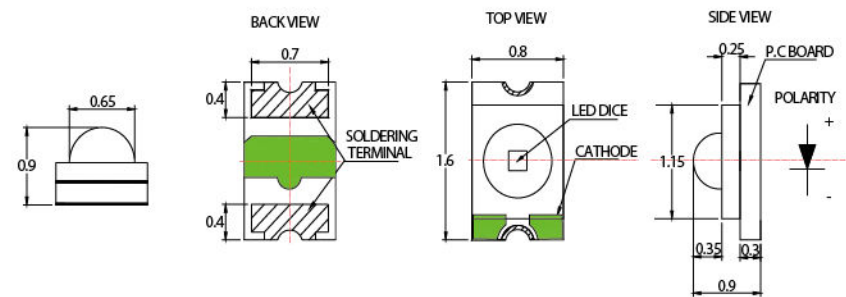
Applications

- ◆ Wearable device
- ◆ Mobile device
- ◆ Medical device
- ◆ Control panel
- ◆ IoT equipment
- ◆ TV backlight
- ◆ LED lighting

SMD Single Color	30
0603 (LC19D)	
3224	
Invisible LED	
SMD IR LC15D Series	32
SMD IR 1208 (LS15)	
PLCC IR 2835	
.....	33

SMD Single Color 0603 (LC19D)

Dimension 1.6*0.75*1.1 mm

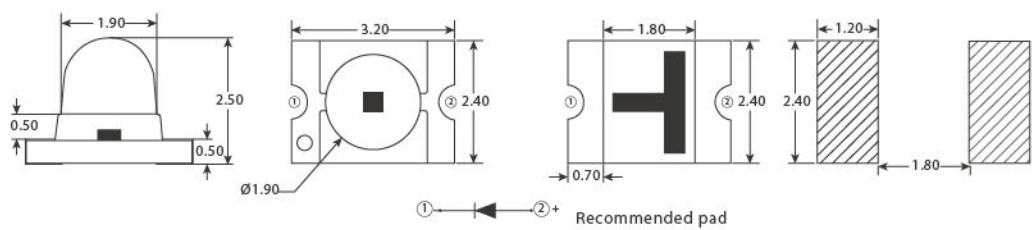


Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LC19DLBCT-2mA-XG	Blue	469	Water Clear	80	60	2.6	2
LC19DLGCT-2mA-XG	Green	530		310		2.5	
LC19DGCT-2mA-XG	Yellow Green	571		20		1.9	
LC19DJYCT-2mA-XG	Yellow	593		60		1.9	
LC19DJECT-2mA-XG	Super Amber	605		80		1.9	
LC19DJRCT-2mA-XG	Red	623		80		1.9	
LC19DLBCT-XG	Blue	433	Water Clear	430	60	3.0	20
LC19DLGCT-XG	Green	525		1500		3.0	
LC19DKGCT-XG	Yellow Green	571		200		2.0	
LC19DKYCT-XG	Yellow	593		500		2.0	
LC19DJECT-XG	Super Amber	605		440		2.0	
LC19DJRCT-XG	Red	624		440		2.0	

SMD Single Color 3224

Dimension 3.2*2.4*2.5 mm



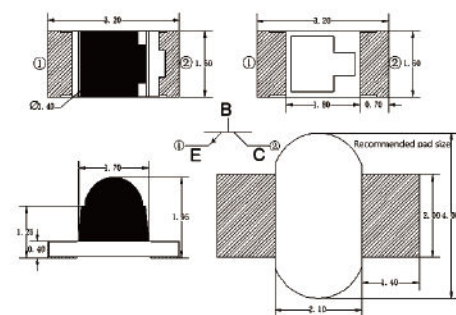
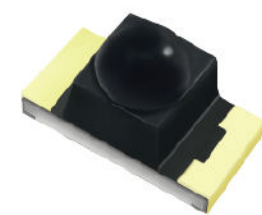
Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LC3224DKGCT	Yellow Green	570	Water Clear	280	550	20	20
LC3224DLGCT	Yellow Green	570		7500	14000		
LC3224DJECT	Super Amber	605		1050	2350		
LC3224DKRCT	Red	630		690	1600		
LC3224DKYCT	Yellow	590		450	1800		
LC3224DLBCT	Blue	470		280	550		
LC3224DWDT	White	X 0.3001~0.331 Y 0.3055~0.3529	Yellow Diffused	@5mA 130	@5mA 220	120	5

INVISIBLE LED

SMD IR LC15D

Dimension 3.2*1.6*1.95 mm

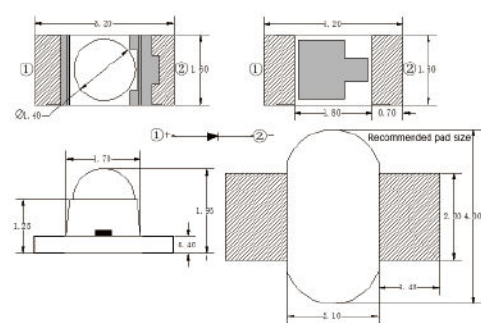


Specifications

Part No.	Wavelength λ_p (nm)	Forward Current I_F (mA)	Power consumption	Current amplification factor hFE	
				Min.	Max.
LC15D4PTDT	940 nm	20	75 mW	1100	1800

SMD IR LC15D

Dimension 3.2*1.6*1.95 mm



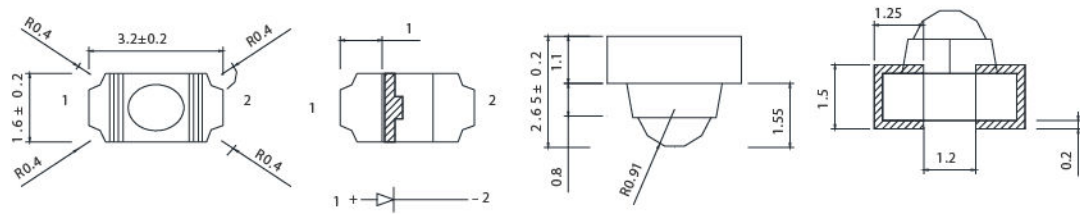
Specifications

Part No.	Wavelength λ_p (nm)	Forward Current I_F (mA)	Power consumption	Typ. Forward Voltage V_F (V)	Viewing Angle(°)
LC15D4EIR1CT	940 nm	100	160 mW	1.35	20
LC15DSRCT		30	70 mW	2.1	30

INVISIBLE LED

SMD IR 1208

Dimension 3.2*1.6*2.65 mm

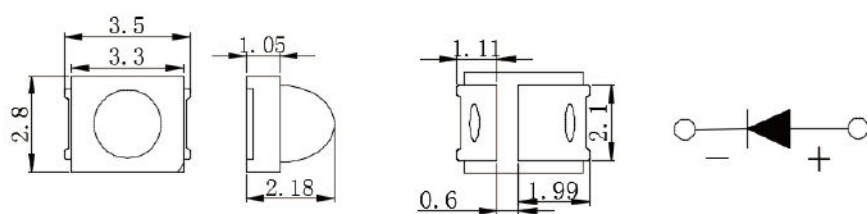


Specifications

Part No.	Wavelength λ_p (nm)	Forward Current I_F (mA)	Radiant Intensity I_e (mW/sr)		Typ. Forward Voltage V_F (V)	Viewing Angle(°)
			Min.	Typ.		
LS15CAIR1C-RB	940 nm	20	16	20	1.30	X60, Y30
LS15DCEIR1CT			6	13		

PLCC IR 2835

Dimension 2.8*3.5*2.18 mm



Specifications

Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LT2835IR4CT-30	IR	850	Water Clear	150	30	1.5	150
LT2835IR4CT-60				150	60		
LT2835IR4CT-90				80	90		

Headquarter

光鼎電子股份有限公司
Para Light Electronics Co., Ltd.
新北市中和區建康路8號11樓

T +886-2-2225-3733
F +886-2-2225-4800
para@para.com.tw www.para.com.tw
11F, No. 8, Jiankang Rd., Zhonghe Dist. New Taipei City, 23586 Taiwan



Branch Offices

美國光鼎電子(分公司)
Para Light Corp. USA

T +909-468-4866
F +909-468-4876
sales@paralightusa.com www.paralightusa.com
515 Spanish Lane, Suite B, Walnut, CA 91789

印度光鼎電子(分公司)
Para Light India Pvt. Ltd.

T +011-41086226
abhinav.jha@para-india.com www.para.com.tw
No.979, 9th Floor, Aggarwal Cyber Plaza-2,
Netaji Subhash Place, Pitampura, New Delhi-110034, India

Factories

連雲港光鼎電子有限公司
Para Light Lianyungang Electronics Co., Ltd.
中國江蘇省連雲港市灌南縣經濟開發區威海路8號

T +86-518-8369-2888
F +86-518-8369-2899
para@para.com.tw www.para.com.tw/zh-hans/
No.8, Wei Hai Rd., Guannan Economics Deveopment Zone,
Lianyungang City, Jiangsu Province, 223500, China

南京華鼎電子有限公司
Para Light Nanjing Electronics Co., Ltd.
中國江蘇省南京市江寧區湯山街湯泉西路1號

T +86-25-8410-7685
F +86-25-8410-7684
para@para.com.tw www.para.com.tw/zh-hans/
No.1, Tanguan W. Rd., Tangshan Ave., Jianning Dist. Nanjing City,
Jiansu Province, 211131 China

緬甸光鼎電子有限公司(仰光)
Para Light Yangon Electronics Co., Ltd. (Myanmar)

T +95-9776964540
susie@parahk.com www.para.com.tw
No. 212, Pyin Si Minthar Gyi Street, Shwe Lin Ban Industry,
Hlaing Thar Yar Township, Yangon, Myanmar

Greater China Sales Teams

蘇州光鼎電子有限公司 East China
Para Light (SUZHOU) Electronics Co., Ltd.
蘇州新區獅山路199號新地中心2104室

T +86-137-6164-0200
F +86-512-6809-7669
slssz@paralight.com.cn www.para.com.tw/zh-hans/
Room 2104, Xindi Center Building, No.199, Shishan Road Suzhou City,
Jiangsu Province, 215011 China

光鼎深圳實業有限公司 South China
Para Light (SHENZHEN) Electronics Co., Ltd.
中國深圳市龍華區龍華街道龍觀東路57號時代大廈1310-1312室

T +86-189-2747-1103
F +86-25-8410-7684
eddy@paralight.com.cn www.para.com.tw/zh-hans/
Room 1310-1312, Times Building, No. 57 Long Guan Dong Road,
Longhua Street, Longhua District, Shenzhen, 518110 China

青島光鼎電子有限公司 North China
Para Light (QINGDAO) Electronics Co., Ltd.
山東省青島市市北區山東路109號3號樓2901室

T +0532-85692571 / 18626429477
eddy@paralight.com.cn
Room 2901, Building 3, No. 109 Shandong Road, Shibei District,
Qingdao, Shandong Province, 266000 China