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2022 SMD & PLCC | Component



Chairman Mr. David Ma

Established in 1987

Capital USD 37million

No. of Employee 1028

Founded in 1987, PARA LIGHT is now a global innovator and leader in visible and invisible LED fields. With two manufacturing plants certified with ISO 14001, ISO 9001, TS16969, and also complies with REACH and RoHS.

We offer advanced and beyond expectation R&D services based on the strongest lineup ever of 1,028 employees located in different countries and cities that includes more than 70 professional engineers, and 80 Quality Assurance squad.

About the product category, from the elementary LED component to furthur appli-
ance such as UV sensor, LED back light,
integrated light moudule, commercial light-
ing, automotive lighting and any lighting
solution, PARA LIGHT keeps growing and
expanding the products diversity in response
to the global industry or market trend.

TOP VIEW



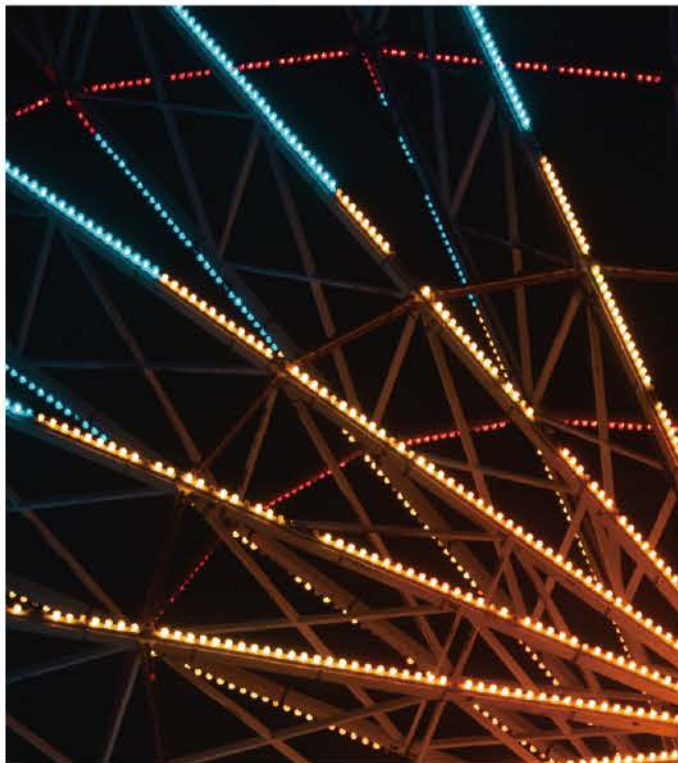
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SIDE VIEW



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SMD RGB	20
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RGB+IC



SMD RGB+IC	23
PLCC RGB+IC	23



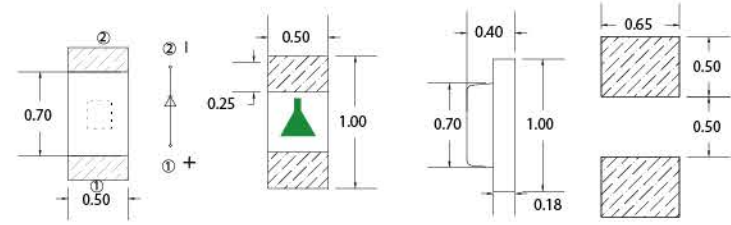
Top View

- Control Panel
- Back Light
- Indicator
- LED Lighting
- IoT Application
- Medical Application



0402 (LC292) Series

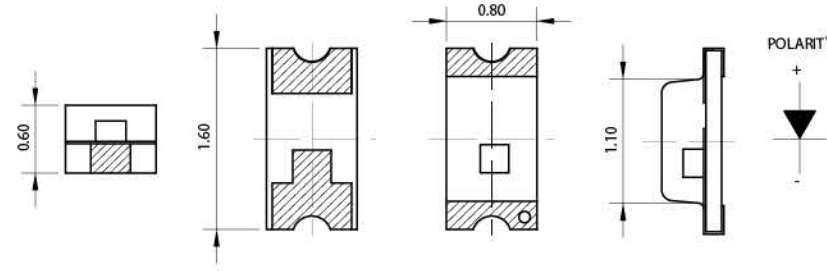
Outline Dimensions 1.0 x 0.5 x 0.3 mm



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)
LC292LBCT-5A -YY-U1-A1	Blue	470	Water Clear	70	120	2.8	5
LC292LGCT -YY-U1-A2	Green	519	Water Clear	250	120	2.9	5
LC292JGCT -YY-U1-A2	Yellow Green	572	Water Clear	34	120	2.0	20
LC292JYCT -YY-U1-A3	Yellow	590	Water Clear	100	120	2.0	20
LC292JFCT -YY-U1-A3	Orange	604	Water Clear	100	120	2.0	20
LC292QRCT -YY-U1-A2	Super Red	624	Water Clear	145	120	2.1	20
LC292WDT-5A -YY-U1-A1	White	(0.25, 0.245)	Yellow Diffused	250	130	2.7	5

0603 (LC191) Series

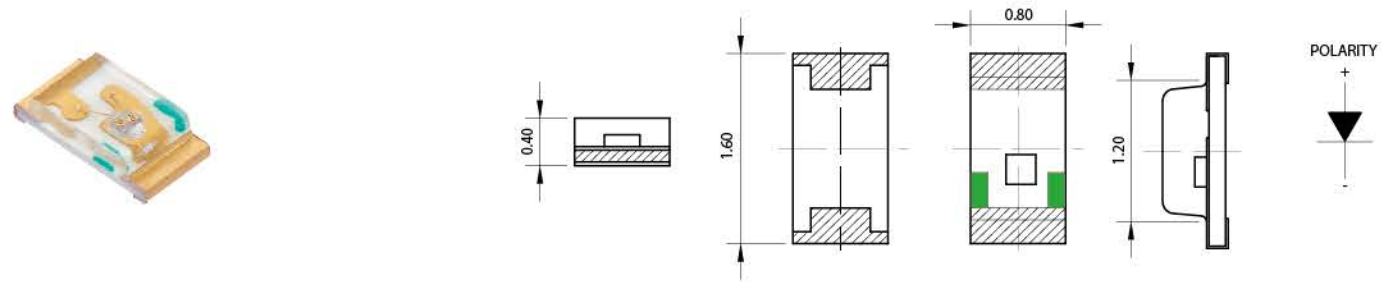
Outline Dimensions 1.6 x 0.8 x 0.4 mm



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)
LC191LBCT-U1-D5	Blue	470	Water Clear	100	130	3.0	20
LC191LGCT-U1-D0	Green	525	Water Clear	700	130	3.1	20
LC191JGCT-U1-B3	Yellow Green	570	Water Clear	30	130	2.1	20
LC191JYCT-U1-B3	Yellow	590	Water Clear	100	130	2.1	20
LC191JFCT-U1-A3	Orange	605	Water Clear	50	130	1.85	5
LC191JRCT-U1-C2	Super Red	631	Water Clear	50	130	2.0	20
LC191WDT-5A -U1-A2	White	(0.28, 0.28)	Yellow Diffused	280	130	2.7	5

0603 (LC192) Series

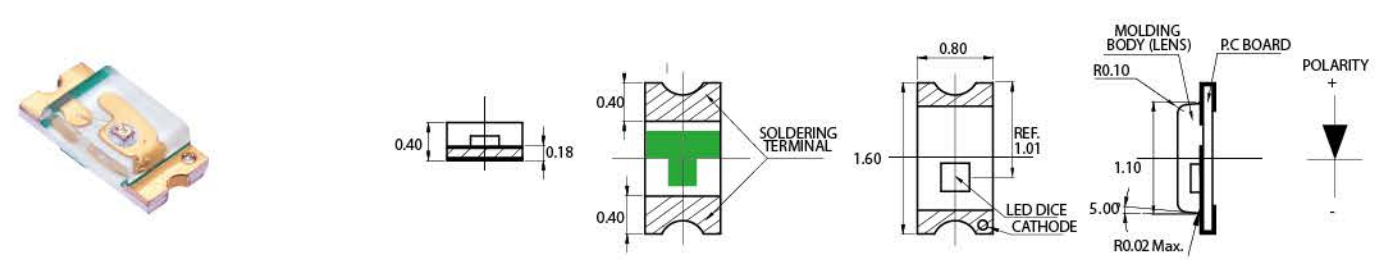
Outline Dimensions 1.6 x 0.8 x 0.4 mm



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)
LC192LBCT-U1-C3	Blue	470	Water Clear	100	130	3.2	20
LC192LGCT-U1-C4	Green	525	Water Clear	300	130	3.0	20
LC192JGCT-5A -U1-A5	Yellow Green	569	Water Clear	10	130	2.0	5
LC192JYCT-U1-A1	Yellow	590	Water Clear	80	130	2.1	20
LC192KFCT-U1-C1	Orange	605	Water Clear	100	130	2.0	20
LC192JRCT-5AK1 -U1-A5	Super Red	631	Water Clear	28	130	1.9	5
LC192WDT-U1-C0	White	(0.30, 0.30)	Yellow Diffused	150	130	2.8	5

0603 (LC192C) Series

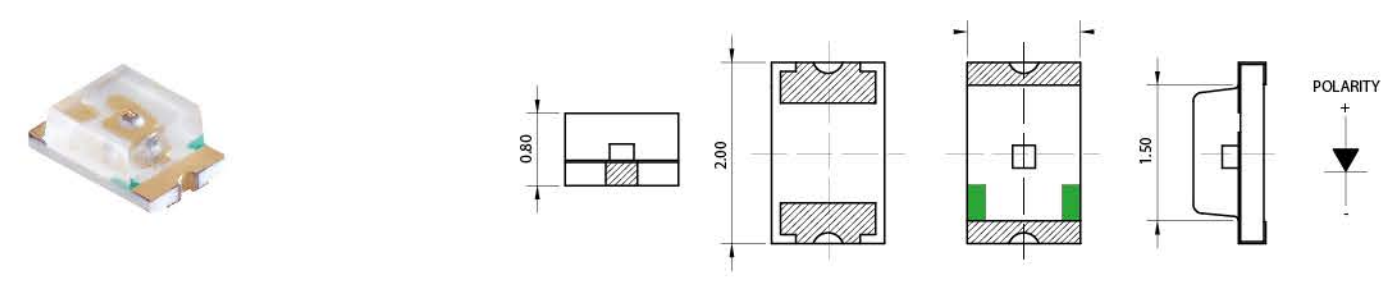
Outline Dimensions 1.6 x 0.8 x 0.4 mm



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)
LC192CBCT-5A -U1-A4	Blue	470	Water Clear	30	130	2.8	5
LC192CGCT-5A -U1-A1	Yellow Green	571	Water Clear	10	130	2.0	5
LC192CYCT-5A -U1-A1	Yellow	590	Water Clear	38	130	2.2	5
LC192CFCT-5A -U1-A1	Orange	605	Water Clear	38	130	1.8	5
LC192CRCT-5A -U1-A2	Super Red	631	Water Clear	12	130	1.9	5
LC192CWDTHM -U1-B2	White	(0.30, 0.27)	Yellow Diffused	130	130	2.9	5

0805 (LC170) Series

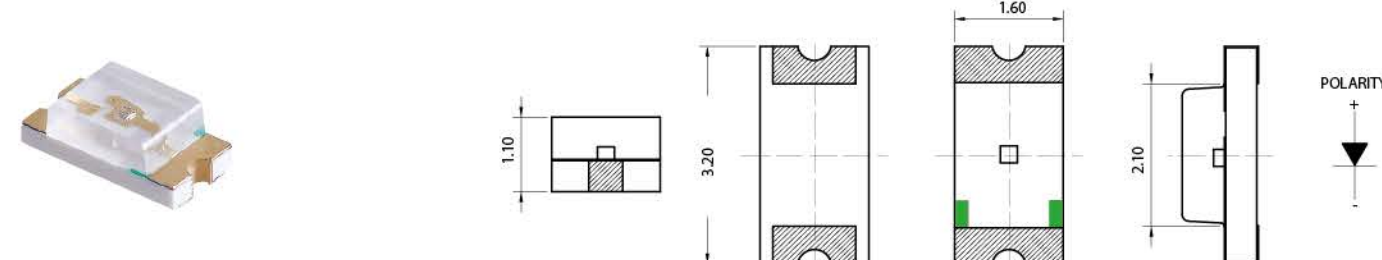
Outline Dimensions 2.0 x 1.25 x 0.8 mm



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)
LC170LBCT-U1-D3	Blue	470	Water Clear	100	130	3.2	20
LC170LGCT-U1-C4	Green	525	Water Clear	300	130	3.1	20
LC170JGCT-U1-B3	Yellow Green	570	Water Clear	40	130	2.1	20
LC170JYCT-U1-B5	Yellow	590	Water Clear	70	130	2.1	20
LC170JFCT-U1-B4	Orange	605	Water Clear	80	130	2.0	20
LC170JRCT-U1-C0	Super Red	630	Water Clear	60	130	1.9	20
LC170WDT-U1-B5	White	(0.30, 0.30)	Yellow Diffused	500	130	3.1	20

1206 (LC150) Series

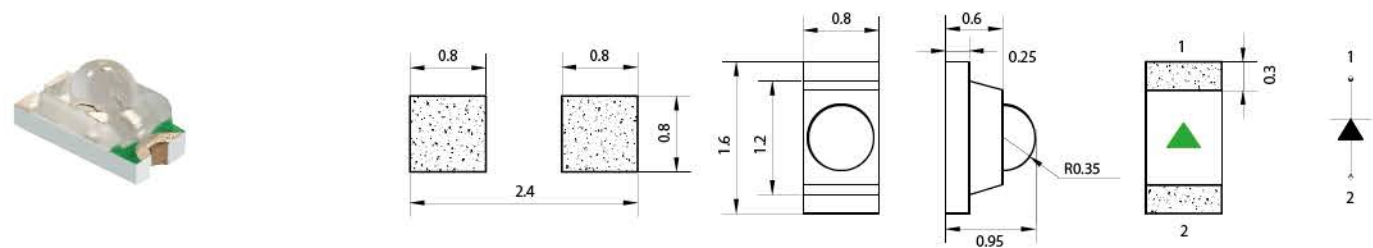
Outline Dimensions 3.2 x 1.6 x 1.1 mm



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)
LC150LBCT-U1-D1	Blue	470	Water Clear	120	130	3.3	20
LC150LGCT-U1-C5	Green	525	Water Clear	300	130	3.1	20
LC150JGCT-U1-B5	Yellow Green	570	Water Clear	40	130	2.1	20
LC150JYCT-U1-A5	Yellow	590	Water Clear	80	130	2.1	20
LC150JFCT-U1-B0	Orange	605	Water Clear	71	130	2.0	20
LC150JRCT-U1-B5	Super Red	631	Water Clear	71	130	1.9	20
LC150WDT-SH3 -U1 A1	White	(0.275, 0.268)	Yellow Diffused	1000	130	3.0	20

0603 (LC19D) Dome Lens Series

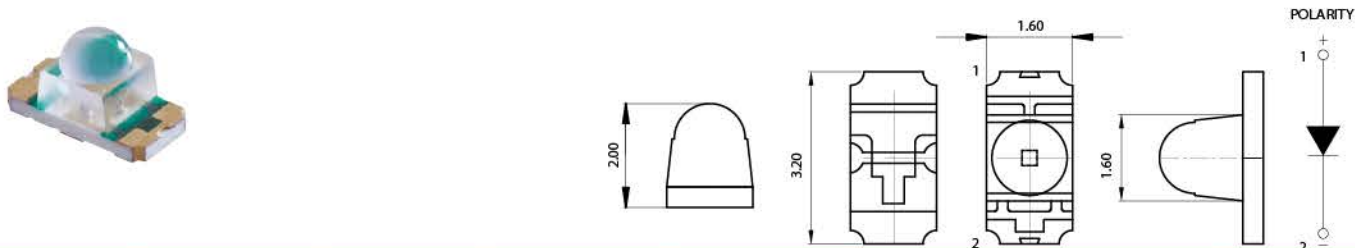
Outline Dimensions 1.6 x 0.8 x 0.95 mm



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)
LC19DLBCT-2MA-U1	Blue	469	Water Clear	80	60	2.6	2
LC19DLGCT-2MA-U1	Green	530	Water Clear	310	60	2.5	2
LC19DGGCT-2MA-U1	Yellow Green	571	Water Clear	20	60	1.9	2
LC19DJYCT-2MA-U1	Yellow	593	Water Clear	60	60	1.9	2
LC19DJECT-2MA-U1	Orange	606	Water Clear	80	60	1.9	2
LC19DJRCT-2MA-U1	Red	623	Water Clear	80	60	1.9	2
LC19DLBCT-XG-U1	Blue	433	Water Clear	430	60	3.0	20
LC19DLGCT-XG-U1	Green	525	Water Clear	1500	60	3.0	20
LC19DKGCT-XG-U1	Yellow Green	571	Water Clear	200	60	2.0	20
LC19DKYCT-XG-U1	Yellow	593	Water Clear	500	60	2.0	20
LC19DJECT-XG-U1	Orange	605	Water Clear	440	60	2.0	20
LC19DJRCT-XG-U1	Red	624	Water Clear	440	60	2.0	20

1206 (LC153C) Dome Lens Series

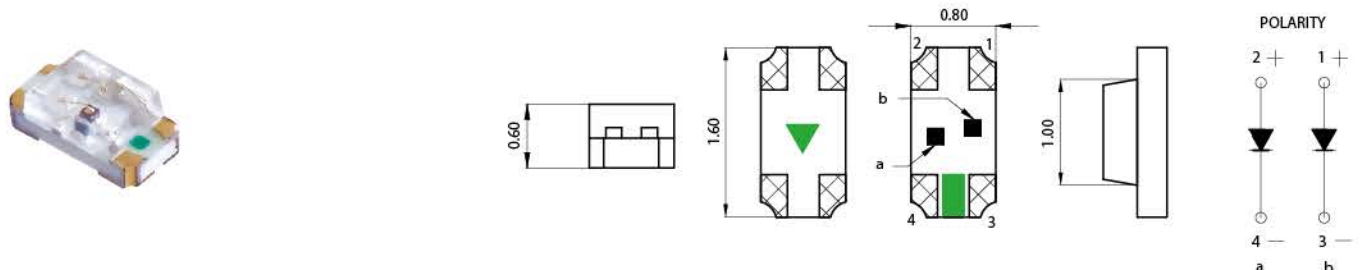
Outline Dimensions 3.2 x 1.6 x 2.0 mm



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)
LC153LBCT-HD-U1	Blue	470	Water Clear	2850	15	3.0	20
LC153LGCT-HD-U1	Green	520	Water Clear	5700	15	3.0	20
LC153KGCT-HD-U1	Yellow Green	571.5	Water Clear	900	15	2.15	20
LC153KYCT-HD-U1	Yellow	591.5	Water Clear	2250	15	2.15	20
LC153KRCT-HD-U1	Super Red	635.5	Water Clear	2850	15	2.15	20

0603 (LC295) Dual Color Series

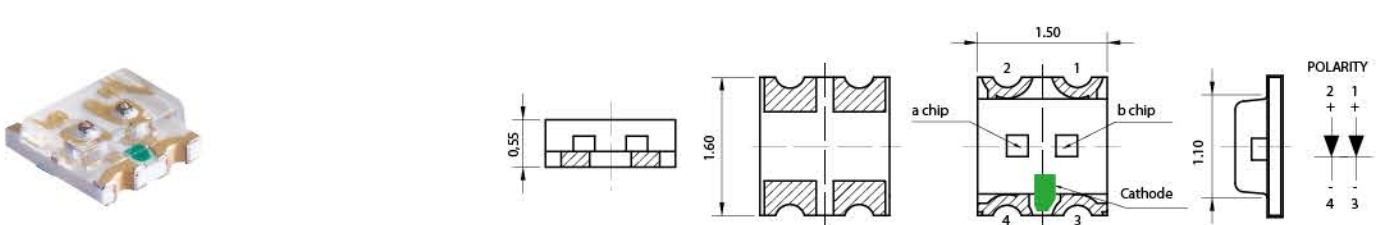
Outline Dimensions 1.6 x 0.8 x 0.6 mm



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)
LC295JRJGCT-U1-A1	Super Red Yellow Green	630 567	Water Clear	47.5 20.5	130	1.9 2.0	20
LC295JYJGCT-U1-A2	Yellow Yellow Green	590 570	Water Clear	72 45	130	1.9 2.0	20
LC295KYLCT-BIC-5A-U1-A1	Green Yellow	525 590	Water Clear	250 30	130	2.6 1.9	5
LC295JRLBCT-U1-A2	Super Red Blue	631 470	Water Clear	60 160	130	2.0 3.1	20
LC295JRWDT-5A-U1-A0	Super Red White	630 (0.325, 0.300)	Yellow Diffused	14 72	130	1.8 2.9	20

0605 (LC195) Dual Color Series

Outline Dimensions 1.6 x 1.5 x 0.55 mm

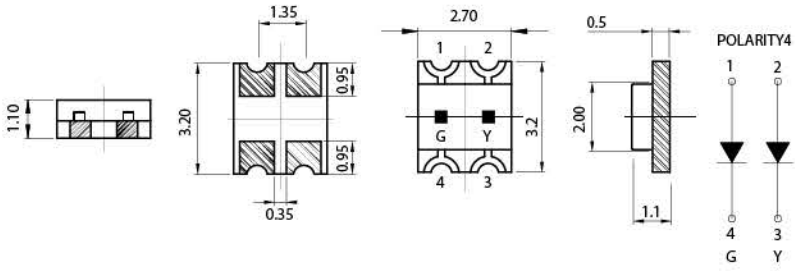


Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LC195JRJGCT-U1-A5	Super Red Yellow Green	631 570	Water Clear	100 30	130	1.9 1.9	20
LC195JGJYCT-U1-A1	Yellow Green Yellow	572 590	Water Clear	27 90	130	2.0 2.0	20
LC195JYJGCT-U1-A2	Yellow Yellow Green	590 570	Water Clear	35 18	130	2.0 2.0	20
LC195JRLBCT-U1-A5	Super Red Blue	631 470	Water Clear	40 140	130	2.0 3.0	20
LC195JRLGCT-5A-U1-A1	Super Red Green	631 525	Water Clear	17 280	130	1.9 2.7	5
LC195JRWDT-5A-U1-A4	Super Red White	630 (0.29, 0.28)	Yellow Diffused	18 112	130	2.0 2.9	5

1206 (LC155) Dual Color Series



Outline Dimensions 3.2 x 2.7 x 1.1 mm

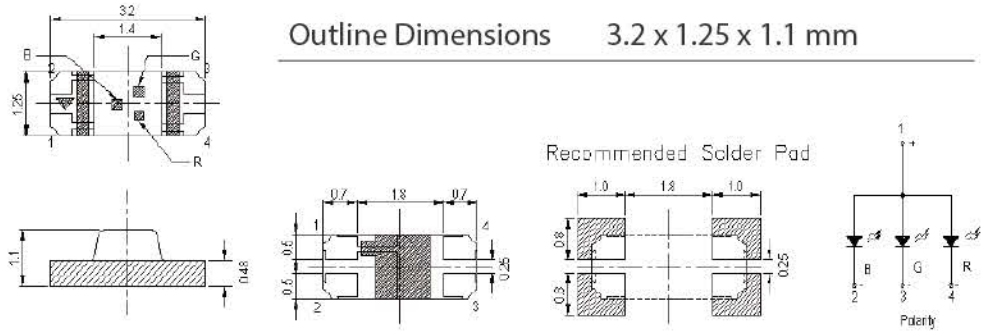


Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LC155LBJECT-U1-A2	Blue	468	Water Clear	200	120	3.1	20
	Orange Red	624		200		2.1	
LC155JRJGCT-U1-A2	Super Red	570	Water Clear	130	120	2.0	20
	Yellow Green	624		150		2.0	

1206 (LC15F) RGB Series



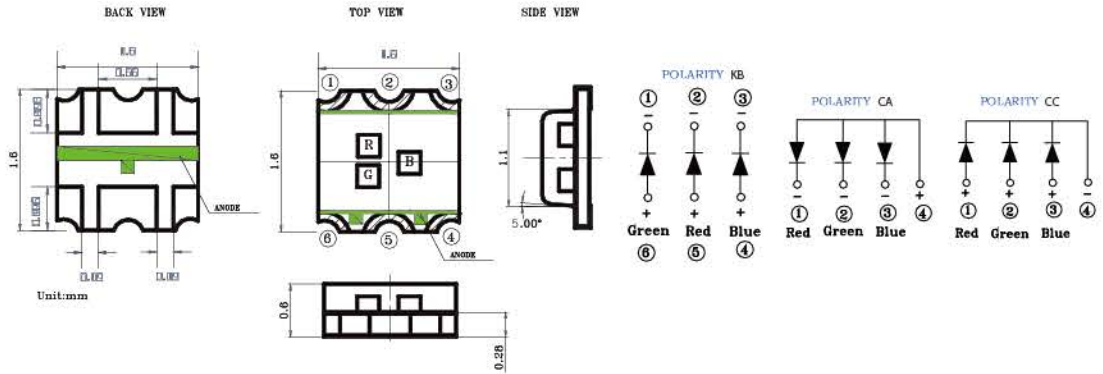
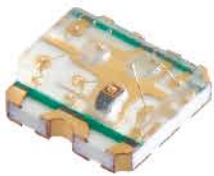
Outline Dimensions 3.2 x 1.25 x 1.1 mm



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)
LC15F1RGBCT -HD-U1	Super Red	624	Water Clear	180	120	2.0	20
	Green	525		530		3.1	
	Blue	465		180		3.1	

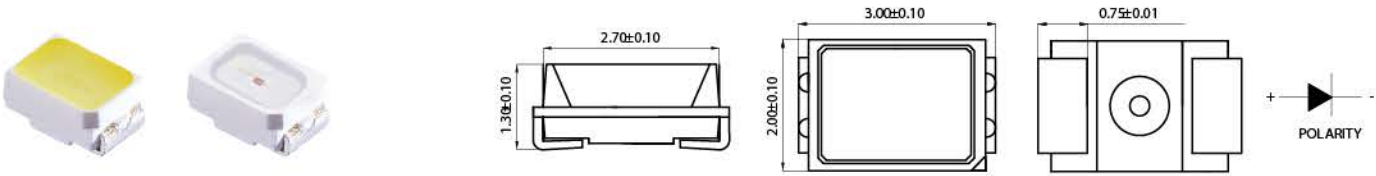
0606 (LC19F) RGB Series

Outline Dimensions 1.6 x 1.6 x 0.6 mm



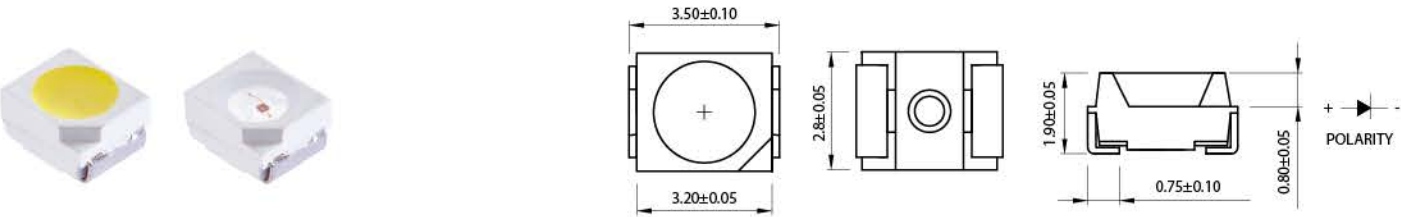
Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LC19F1RGBCT -KB-U1	Super Red	621	Water Clear	36	130	1.9	2
	Green	532		120		2.3	
	Blue	467		15		2.6	
LC19F1RGBCT -CA-U1	Super Red	623	Water Clear	112	130	1.9	20
	Green	525		450		3.1	
	Blue	470		112		3.0	
LC19F1RGBCT -CC-U1	Super Red	623	Water Clear	320	130	2.0	20
	Green	525		450		3.1	
	Blue	470		112		3.1	

3020 (LT650WDT) PLCC White Series Outline Dimensions 3.0 x 2.0 x 1.3 mm



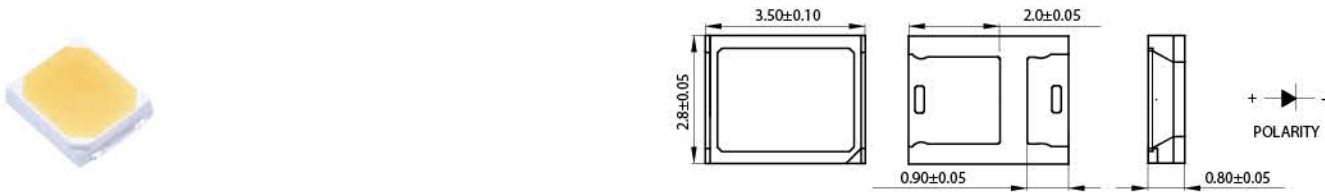
Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LT650WDT-U1	White	7000 ~ 9000	Yellow Diffused	3050	120	3.5	20
LT650WDT-NW-U1	White	4000 ~ 5000	Yellow Diffused	2000	120	3	20
LT650WDT-WW-U1	White	2500 ~ 3000	Yellow Diffused	1800	120	3	20

3528 (LT670WDT) PLCC White Series Outline Dimensions 3.5 x 2.8 x 1.9 mm



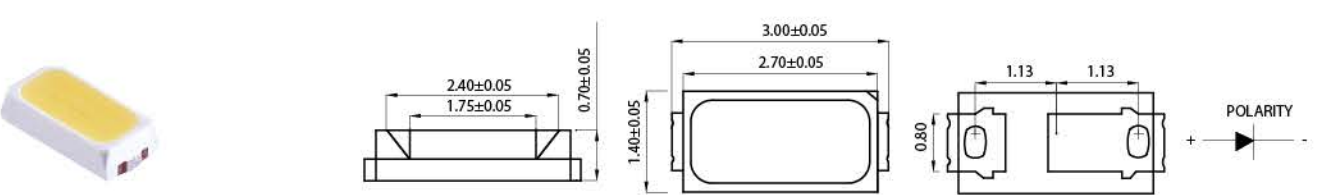
Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LT670WDT-CW-U1	White	7000 ~ 9000	Yellow Diffused	2500	120	3	20
LT670WDT-NW-U1	White	6000 ~ 7000	Yellow Diffused	2400	120	3	20
LT670WDT-WW-U1	White	2400 ~ 3800	Yellow Diffused	9500	30	3	20

2835 (LT2835WDT) PLCC White Series Outline Dimensions 2.8 x 3.5 x 0.8 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)
LT2835WDT-CW1-DG-U1	White	7000 ~ 9000	Yellow Diffused	650	120	3	60
LT2835WDT-NW1-BKS-U1	White	4000 ~ 5000	Yellow Diffused	6800	120	3	60
LT2835WDT-WW1-HX-U1	White	2500 ~ 3000	Yellow Diffused	6200	120	3	60
LT2835WDT-CW-BKS-U1	White	7000 ~ 9000	Yellow Diffused	6500	120	3	150
LT2835WDT-76-BKS-U1	White	4000 ~ 5000	Yellow Diffused	6800	120	3	150
LT2835WDT-WW-BKS-U1	White	2500 ~ 3000	Yellow Diffused	620	120	3	150

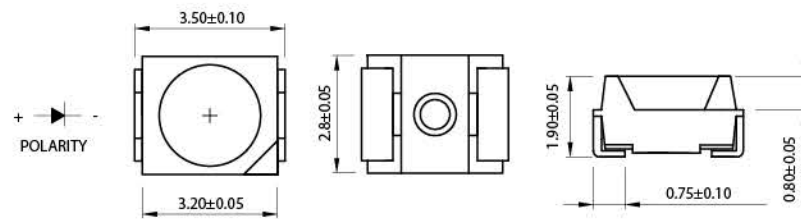
3014 (LT3014WDT) PLCC White Series Outline Dimensions 3.0 x 1.4 x 0.7 mm









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)
LT3014CWDT-U1	White	5500 ~ 6500	Yellow Diffused	3000	120	3	20
LT3014NWDT-U1	White	4000 ~ 5000	Yellow Diffused	3400	120	3	20
LT3014WWDT-U1	White	2850 ~ 3250	Yellow Diffused	3200	120	3	20

3528 (LT670) PLCC Single Color Series

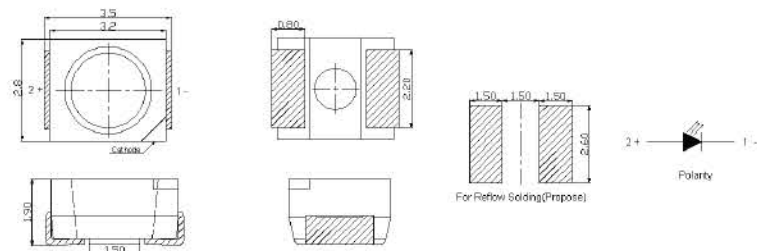
Outline Dimensions 3.5 x 2.8 x 1.9 mm






Part No.	Color	Wavelength λd(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-U1	 Blue	470	Water Clear	480	120	3	20
LT670LGCT-U1	 Green	520	Water Clear	1500	120	2.9	20
LT670KGCT-U1	 Yellow Green	570	Water Clear	100	120	2	20
LT670TYCT-U1	 Yellow	590	Water Clear	715	120	2.0	20
LT670KFCT-U1	 Orange	605	Water Clear	190	120	2.0	20
LT670KRCT-U1	 Super Red	630	Water Clear	100	120	2.0	20

3528 (LT670) PLCC Single Color Series

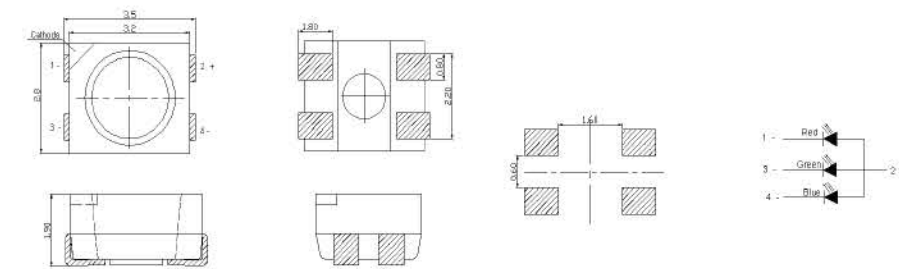
Outline Dimensions 3.5 x 2.8 x 1.9 mm



Part No.	Color	Wavelength λd(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-U1	 Red	625	Water Clear	850	120	2.0	20
LT670LBCT-BKS-U1	 Blue	470	Water Clear	1500	120	3.4	20
LT670LGCT-BKS-U1	 Pure Green	525	Water Clear	2000	120	3.4	20

3528 (LT67FRGBCT) PLCC RGB Series

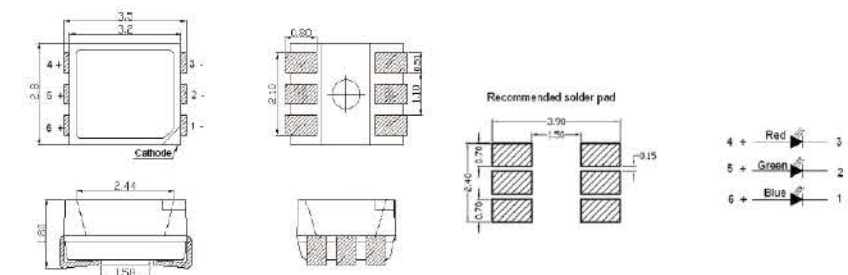
Outline Dimensions 3.5 × 2.8 × 1.9 mm



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- 4PIN-BKS-U1	● Red	630	Water Clear	700	120	2.0	20
	● Green	525		1900		3.0	20
	● Blue	475		470		3.0	20

3528 (LT67FRGBCT) PLCC RGB Series

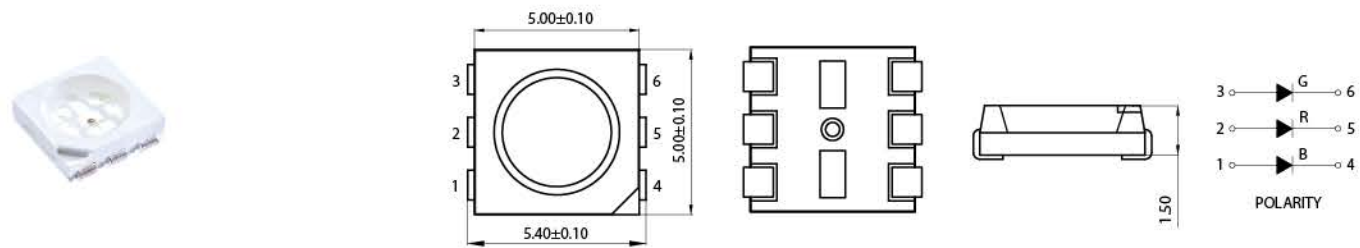
Outline Dimensions 3.5 × 2.8 × 1.8 mm



Part No.	Color	Wavelength λ (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-U1	Red	630	Water Clear	954	120	2.4	20
	Green	535		2862		3.4	20
	Blue	470		363		3.4	20

5050 (LT69FRGB) PLCC RGB Series

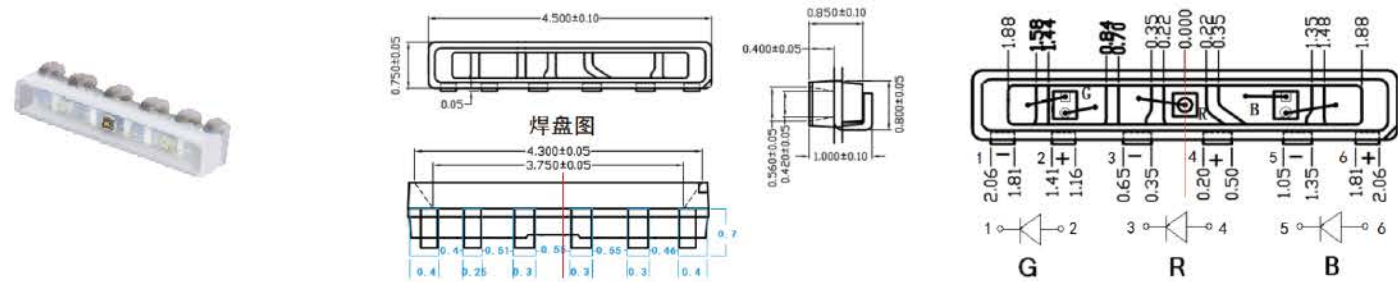
Outline Dimensions 5.4 × 5.0 × 1.5 mm



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)
LT69FRGBCT-U1	Super Red	628	Water Clear	500	120	2.0	20
	Green	525		1550		3.0	
	Blue	465		350		3.0	
LT69FRGBCT-0.5W-S2-U1	Super Red	628	Water Clear	1900	120	2.0	50
	Green	525		5000		3.1	
	Blue	465		1200		3.1	
LT69FRGBCT-1.5W-S2-U1	Super Red	628	Water Clear	6000	120	2.1	150
	Green	525		9500		3.2	
	Blue	465		3000		3.2	

LS020GRBCT PLCC RGB Series

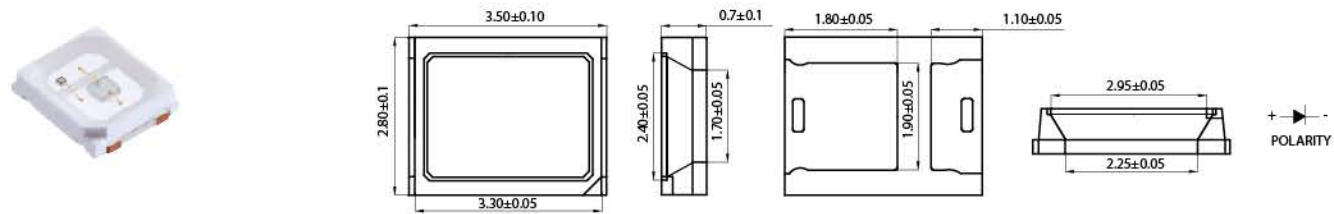
Outline Dimensions 0.7 × 4.5 × 1.0 mm



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)
LS020GRBCT-HH-U1	Red	622	Water Clear	600	120	2.0	20
	Green	520		1300		3.0	
	Blue	469		500		3.0	

2835 (LT2835IR) PLCC IR Series

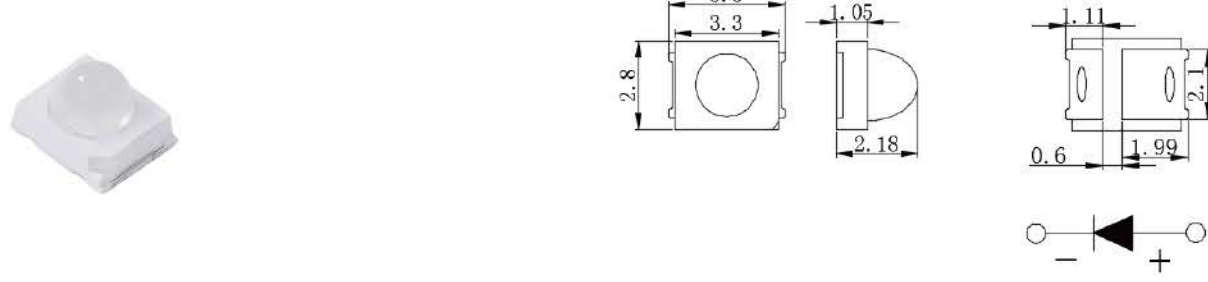
Outline Dimensions 2.8 × 3.5 × 0.7 mm



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)
LT2835IR4CT-20	IR	850	Water Clear	250	130	1.6	250
LT2835IR4CT-24	IR	850	Water Clear	350	130	1.6	150

2835 (LT2835IR) PLCC IR Series

Outline Dimensions 2.8 × 3.5 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)
LT2835IR4CT-30	IR	850	Water Clear	150	30	1.5	150
LT2835IR4CT-60	IR	850	Water Clear	150	60	1.5	150
LT2835IR4CT-90	IR	850	Water Clear	80	90	1.5	150

Side View

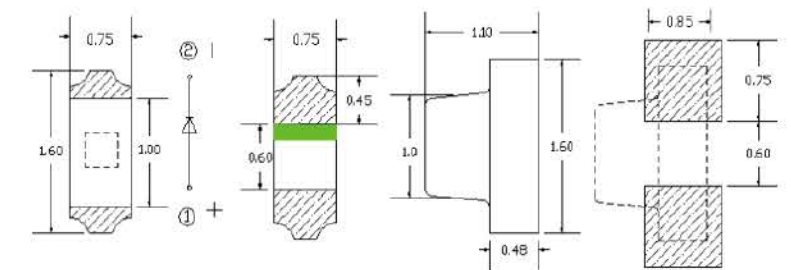
- Control Panel
- Back Light
- Indicator
- LED Lighting
- IoT Application
- Medical Application



0603 (LS193) Series



Outline Dimensions 1.6 X 0.75 x 1.1 mm

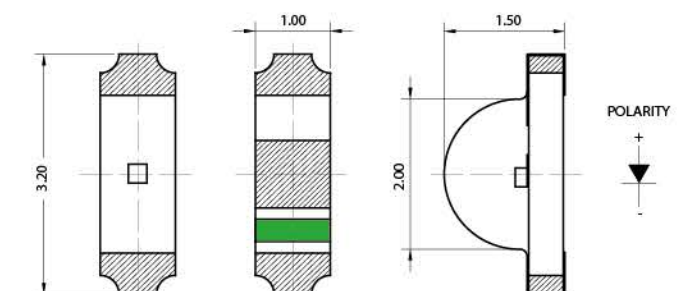


Part No.	Color	Wavelength λ_d (nm)/ CIE (x,y)	Lens Type	Typ. Luminous Intensity I_v (mcd)	Viewing Angle (deg.)	Typ. Forward Voltage V_F (V)	Forward Current I_F (mA)
LS193TBCT-YY-U1	Blue	466	Water Clear	58	120	2.9	5
LS193LGCT-YY-U1	Green	522	Water Clear	250	120	2.9	5
LS193JGCT-YY-U1	Yellow Green	571	Water Clear	34	130	2.1	20
LS193JYCT-R-YY-U1	Yellow	590	Water Clear	120	120	2.1	20
LS193JFCT-YY-U1	Orange	602	Water Clear	120	120	2.1	20
LS193JRCT-YY-U1	Super Red	624	Water Clear	145	120	2.1	20
LS193WDT-2A-YY-U1	White	(0.248 0.22)	Yellow Diffused	100	120	2.8	2

1204 (LS110) Series



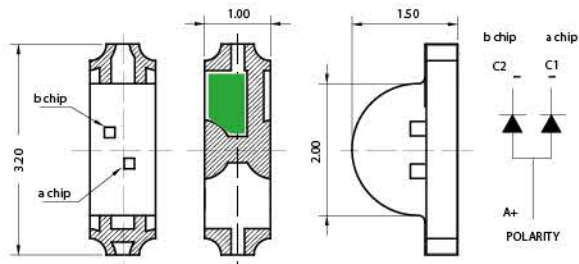
Outline Dimensions 3.2 x 1.0 x 1.5 mm



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)
LS110LBCT-U1	Blue	470	Water Clear	120	130	3.2	20
LS110LGCT-U1	Green	525	Water Clear	300	130	3.1	20
LS110JGCT-U1	Yellow Green	570	Water Clear	50	130	2.05	20
LS110JYCT-U1	Yellow	590	Water Clear	70	120	2.05	20
LS110JFCT-U1	Orange	605	Water Clear	112	130	2.0	20
LS110JRCT-U1	Super Red	631	Water Clear	60	130	1.9	20
LS110WDT-LCFC-U1	White	(0.27, 0.26)	Yellow Diffused	80	130	2.8	5

1204 (LS115) Dual Color Series

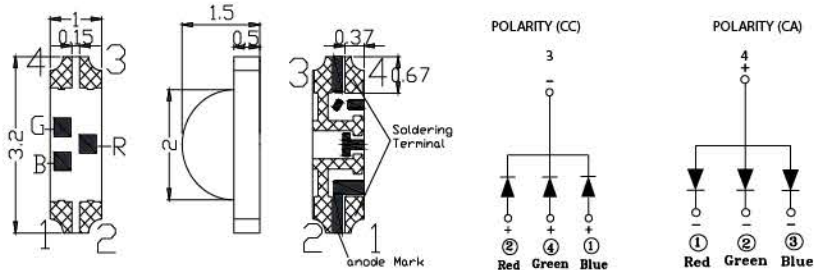
Outline Dimensions 3.2 x 1.0 x 1.5 mm



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)
LS115JRJGCT-U1	Super Red	630	Water Clear	15	130	1.9	5
	Yellow Green	570		8		2.0	
LS115JFLGCT-U1	Orange	605	Water Clear	100	130	2.0	20
	Green	525		600		3.1	
LS115JFJGCT-U1	Orange	605	Water Clear	112	130	2.0	20
	Yellow Green	570		28		2.0	
LS115KFLBCT-U1	Orange	605	Water Clear	180	130	2.0	20
	Blue	470		150		3.0	
LS115JFWD -LCFC-U1	Orange	605	Yellow Diffused	18	130	2.0	5
	White	(0.26, 0.24)		80		2.8	

1204 (LS11F) RGB Series

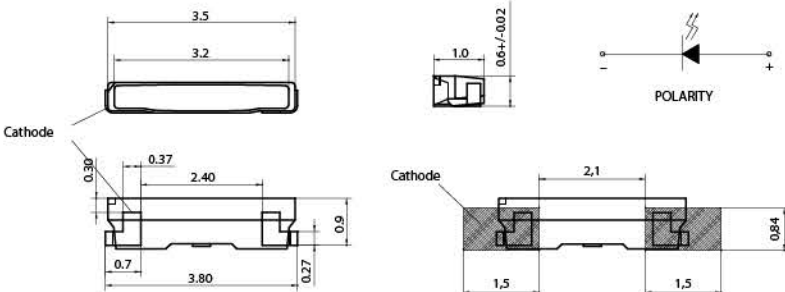
Outline Dimensions 3.2 x 1.0 x 1.5 mm



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)
LS11F1RGBCT-CC -U1	Super Red	623	Water Clear	180	130	1.9	10
	Green	525		450		3.1	
	Blue	470		112		3.1	
LS11F1RGBCT -CA-U1	Super Red	623	Water Clear	180	130	2.0	20
	Green	520		900		3.1	
	Blue	465		180		3.1	

LS020WDT PLCC White Series

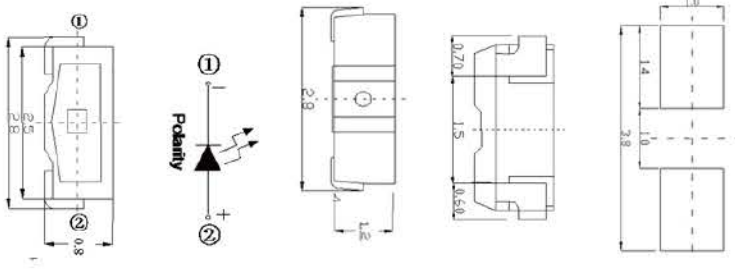
Outline Dimensions 3.5 x 1.0 x 0.9mm



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-U1	White	6500 ~ 7500	Yellow Diffused	3000	110	3.0	20
LS020WWDT-U1	White	2000 ~ 3000	Yellow Diffused	2500	120	3.0	20

LS2812WDT PLCC White Series

Outline Dimensions 2.8 x 0.8 x 1.2mm



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-U1	White	0.29, 0.29	Yellow Diffused	1600	120	5	20
LS2812HECT-U1	Red	630	Yellow Diffused	140	120	5	20
LS2812LGCT-U1	Green	521	Yellow Diffused	720	120	5	20
LS2812KYCT-U1	Yellow	592	Yellow Diffused	180	120	5	20
LS2812LBCT-U1	Blue	472	Yellow Diffused	230	110	3	20



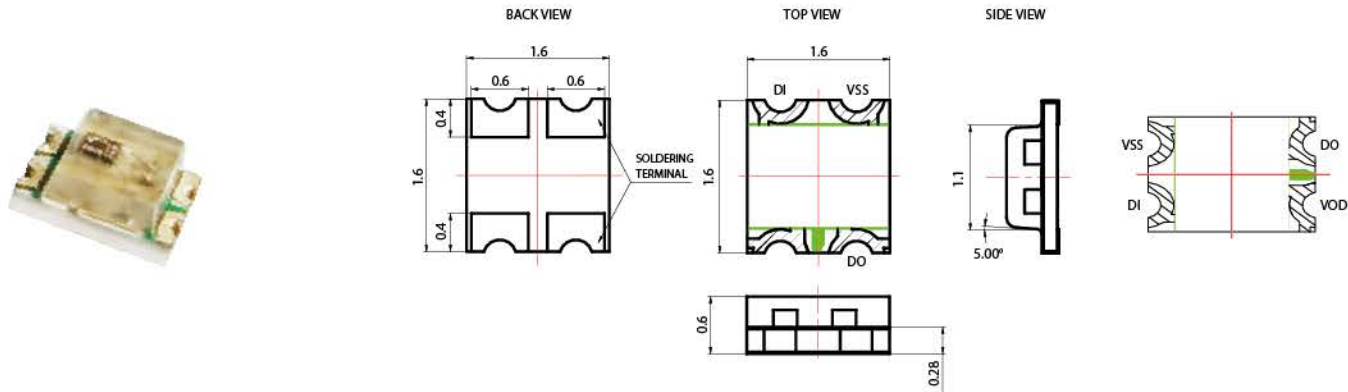
RGB+IC

- Control Panel
- Back Light
- Indicator
- LED Lighting
- IoT Application
- Medical Application



SMD RGB+IC

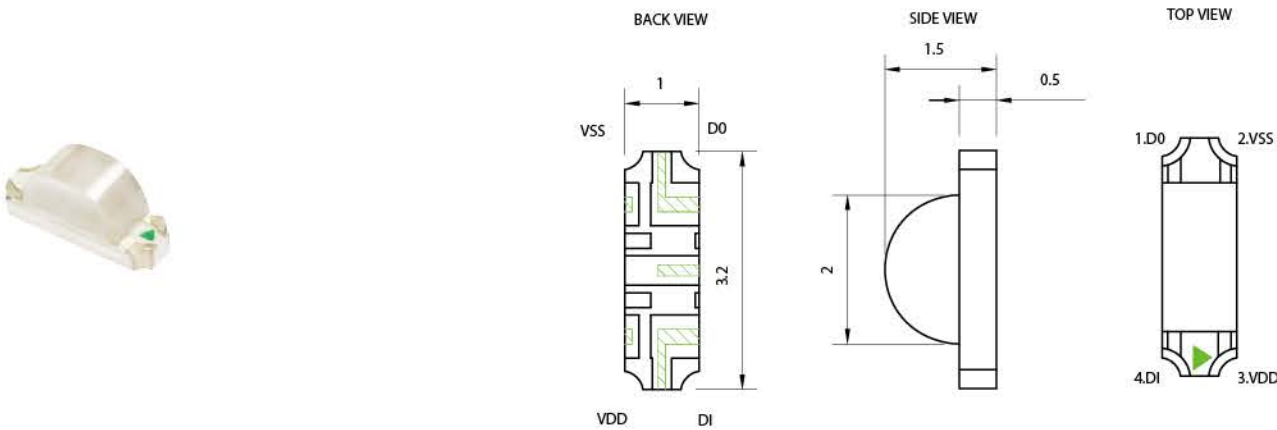
Outline Dimensions 1.6 X 0.75 x 1.1 mm



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)
LC19F1GRBWT -IC-U1	Super Red	620	White Diffused	120		5	5
	Green	530		200			
	Blue	470		60			

PLCC RGB+IC

Outline Dimensions 3.2 x 1.0 x 1.5 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)
LS11F1GRBWT -IC-U1	Super Red	620	White Diffused	80		5	5
	Green	530		120			
	Blue	470		25			



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