

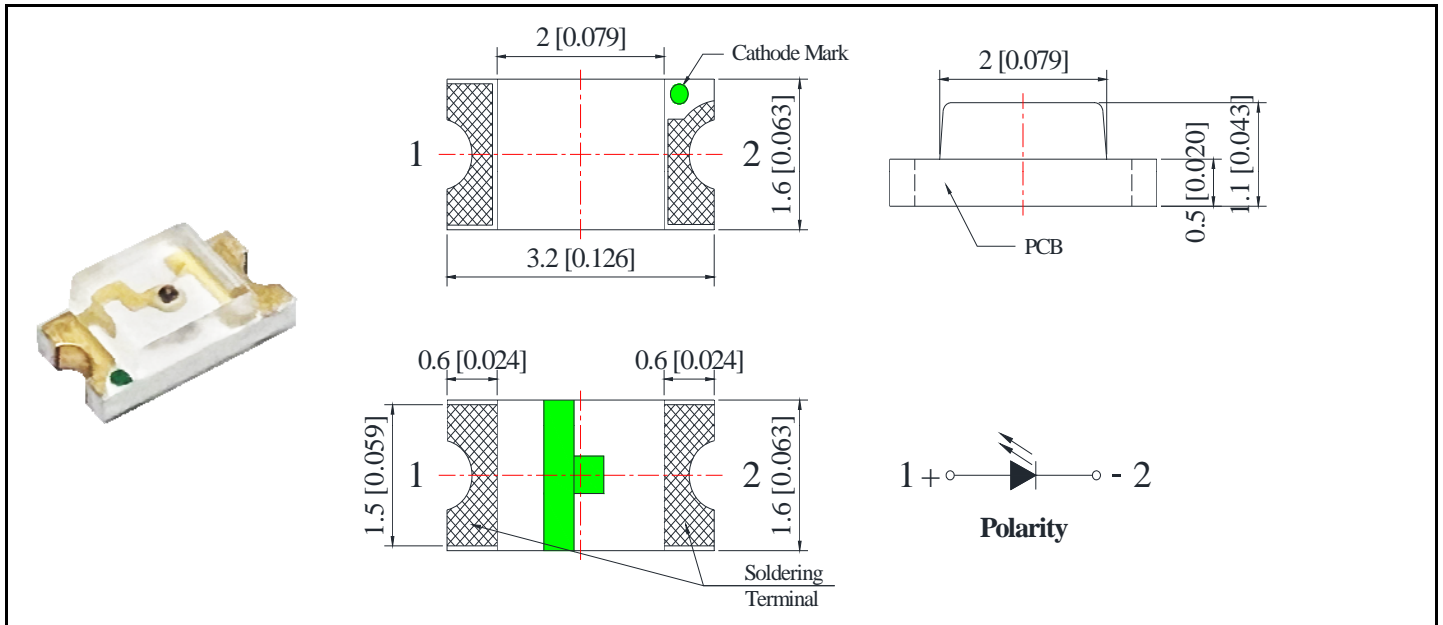
INDEX

SMD LED

Single Color Chip LED.....	P1-4
PLCC Top View Single Color LED.....	P5
Reverse Package PLCC Bottom View Single Color LED.....	P6
PLCC Top View Single Color LED With Lens.....	P6-7
Top View Surface Mount Sterilization UVC LED.....	P8-9
Bi-color Chip LED.....	P9-13
Multi-Color Chip LED.....	P13-15
PLCC Multi-Color LED.....	P16-18
Single Color White Chip LED.....	P18-23
PLCC Single Color White LED.....	P23-26
Single Color Chip LED.....	P26-30
PLCC Side View Single Color LED.....	P30-32
Multi-Color Blinking Chip LED.....	P33
PLCC Multi-Color LED.....	P33-35
Multi-Color Intelligent Control LED.....	P35-40
PLCC Side View Multi-Color LED.....	P40

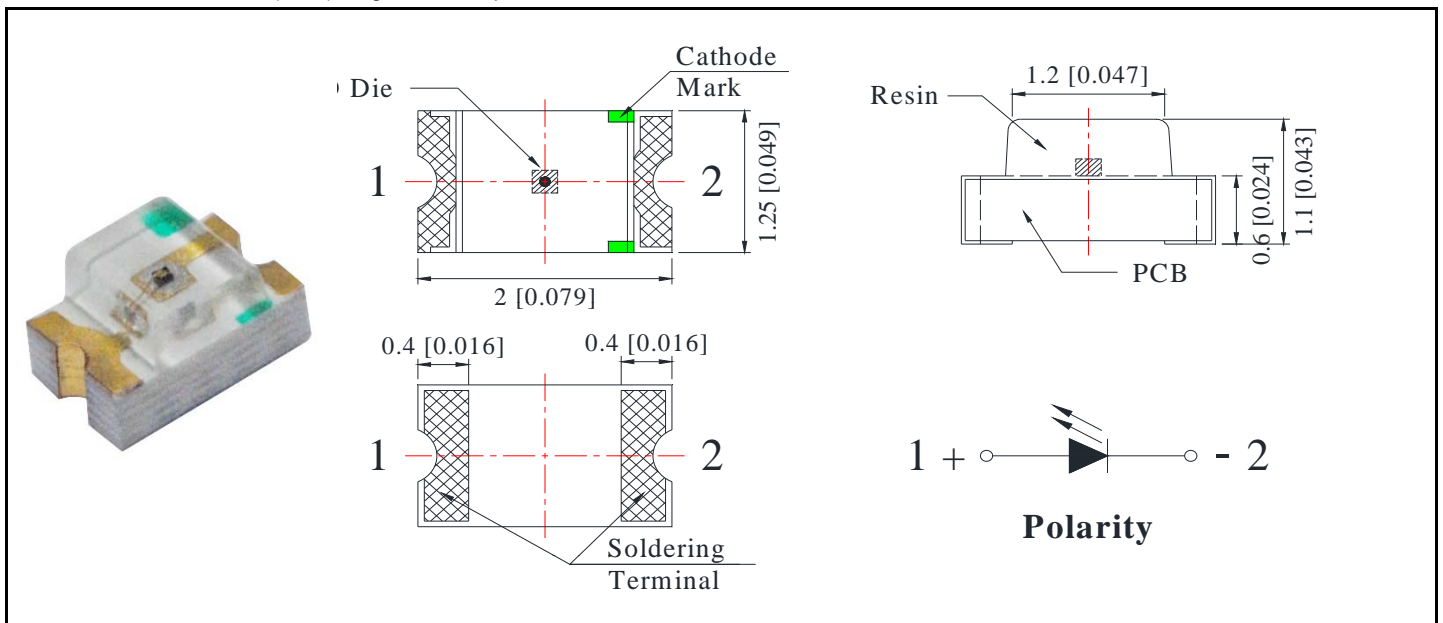
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2θ 1/2

3.20mm×1.60mm×1.10mm (1206) Single Color Chip LED



S150VC-2BS	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	100	150	120
S150AC-2BS	AlGaInP	Super Bright Orange	610	605		2.00	2.40		100	150	
S150YC-2BS	AlGaInP	Super Bright Yellow	592	590		2.00	2.40		100	150	
S150GC-2BS	AlGaInP	Yellow Green	575	573		2.00	2.40		40	80	
S150PGC-G5-1BS	InGaN	Pure Green	520	525		3.20	3.60		300	600	
S150BC-B4-1BS	InGaN	Blue	468	470		3.20	3.60		80	120	

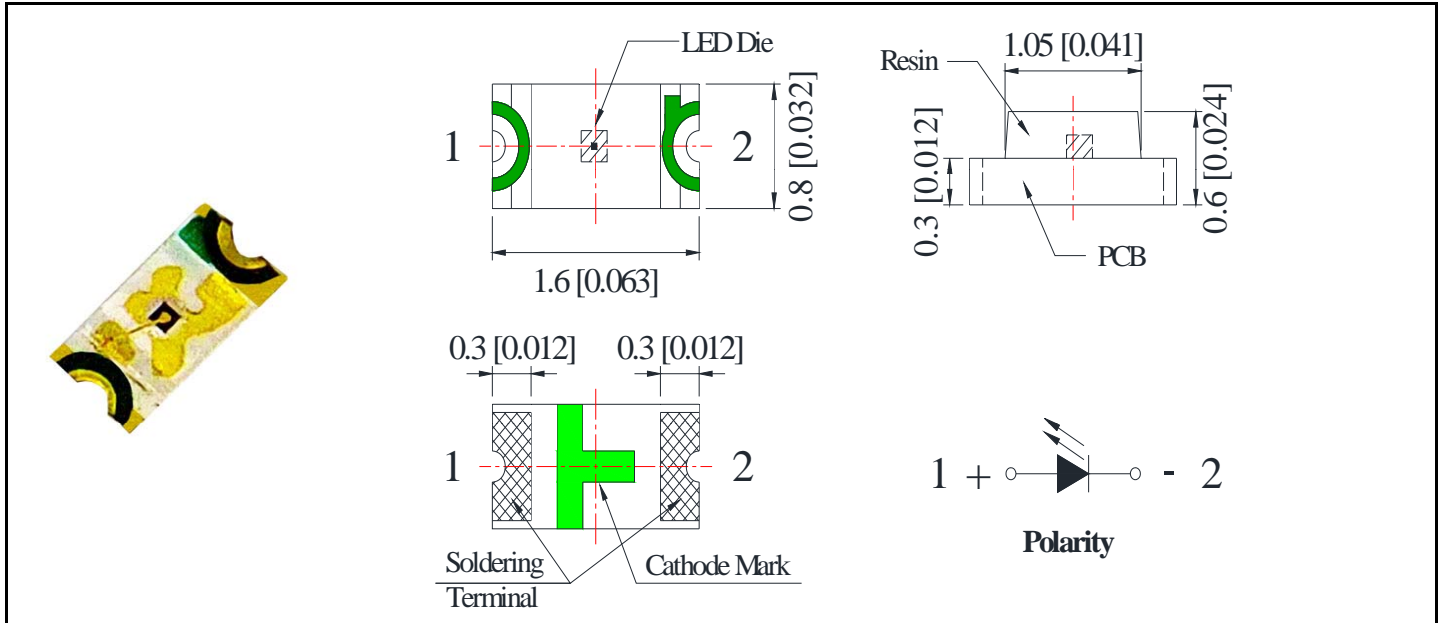
2.00mm×1.25mm×1.10mm (0805) Single Color Chip LED



S170VC-1BG	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	70	115	120
S170AC-1BG	AlGaInP	Super Bright Orange	610	605		2.00	2.40		100	150	
S170YC-1BG	AlGaInP	Super Bright Yellow	592	590		2.00	2.40		80	120	
S170GC-1BG	AlGaInP	Yellow Green	575	573		2.00	2.40		20	40	
S170PGC-G5-1AG	InGaN	Pure Green	520	525		3.20	3.60		300	600	
S170BC-B4-1AG	InGaN	Blue	468	470		3.20	3.60		100	160	

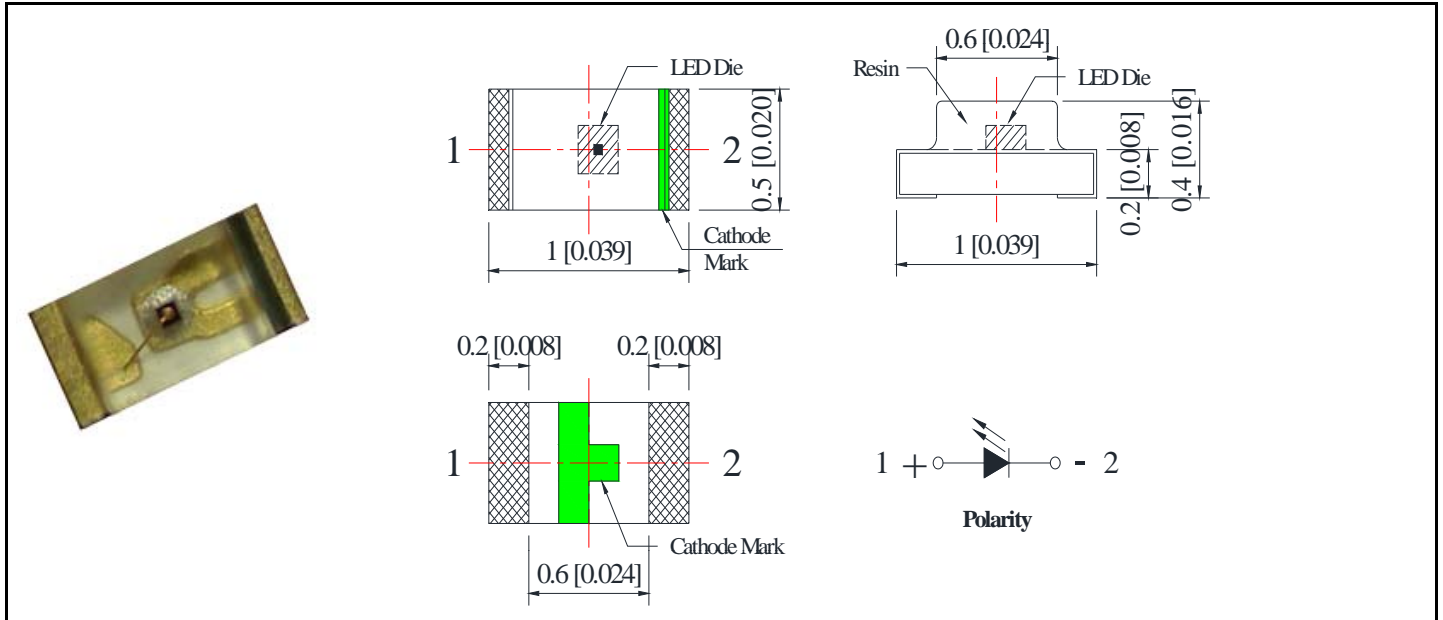
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2θ 1/2

1.60mm×0.80mm×0.60mm (0603) Single Color Chip LED



S192VC-2BS	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	80	120	130
S192AC-2BS	AlGaInP	Super Bright Orange	610	605		2.00	2.40		80	120	
S192YC-2BS	AlGaInP	Super Bright Yellow	592	590		2.00	2.40		80	120	
S192GC-2BS	AlGaInP	Yellow Green	575	573		2.00	2.40		35	70	
S192PGC-G5-1BS	InGaN	Pure Green	520	525		3.20	3.60		250	550	
S192BC-B4-1BS	InGaN	Blue	468	470		3.20	3.60		80	150	

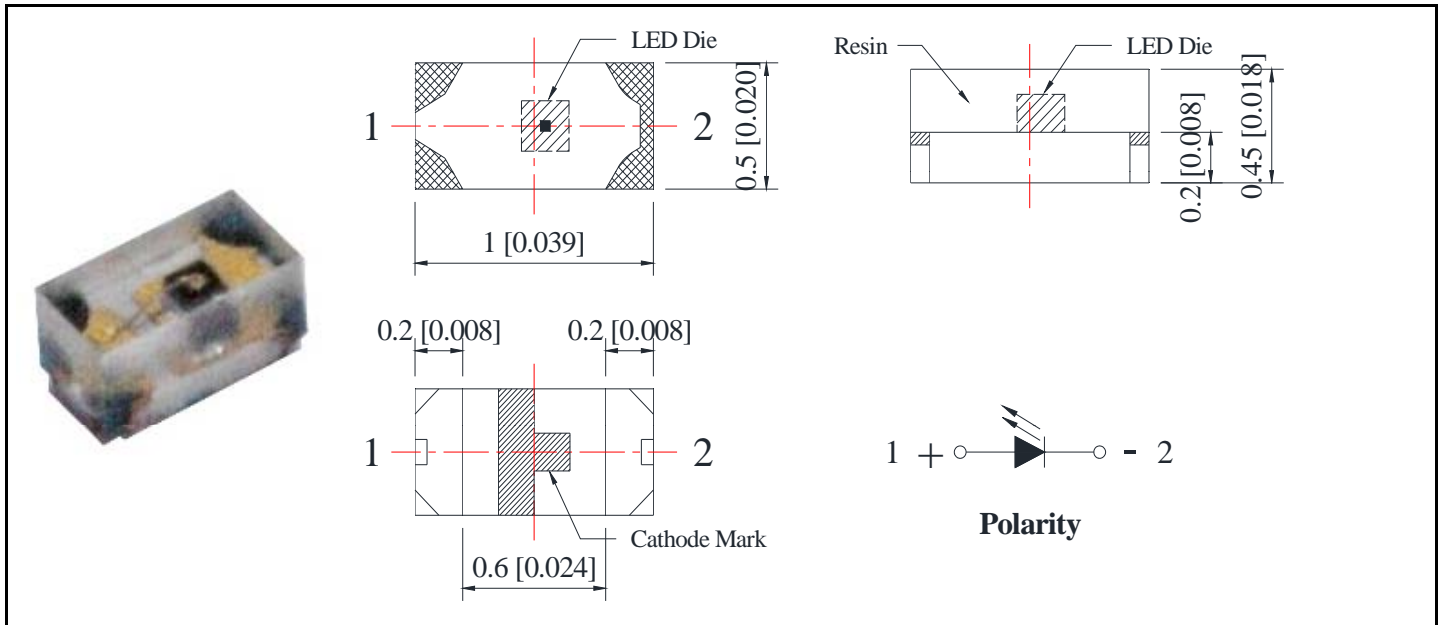
1.00mm×0.50mm×0.40mm (0402) Single Color Chip LED



S162VC-1BJ	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	80	120	120
S162AC-1BJ	AlGaInP	Super Bright Orange	610	605		2.00	2.40		70	120	
S162YC-1BJ	AlGaInP	Super Bright Yellow	592	590		2.00	2.40		70	120	
S162GC-1BJ	AlGaInP	Yellow Green	575	573		2.00	2.40		15	35	
S162PGC-G5-1BJ	InGaN	Pure Green	520	525		3.20	3.60		400	650	
S162BC-B4-1BJ	InGaN	Blue	468	470		3.20	3.60		80	140	

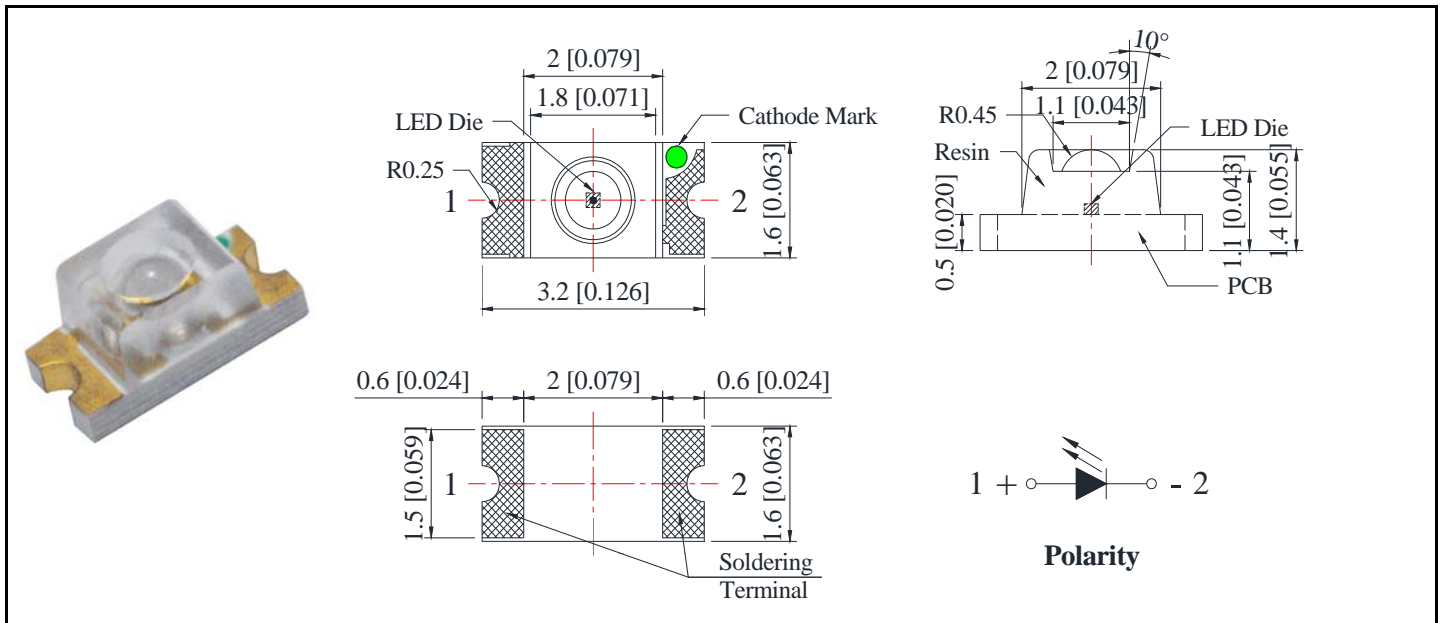
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2θ 1/2

1.00mm×0.50mm×0.45mm (0402) Single Color Chip LED



S160VC-2BS	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	50	100	120
S160AC-2AS	AlGaInP	Super Bright Orange	610	605		2.00	2.40		40	80	
S160YC-2BS	AlGaInP	Super Bright Yellow	592	590		2.00	2.40		50	100	
S160GC-2BS	AlGaInP	Yellow Green	575	573		2.00	2.40		20	50	
S160PGC-G5-1BS	InGaN	Pure Green	520	525		3.20	3.60		150	250	
S160BC-B4-1BS	InGaN	Blue	468	470		3.20	3.60		40	80	

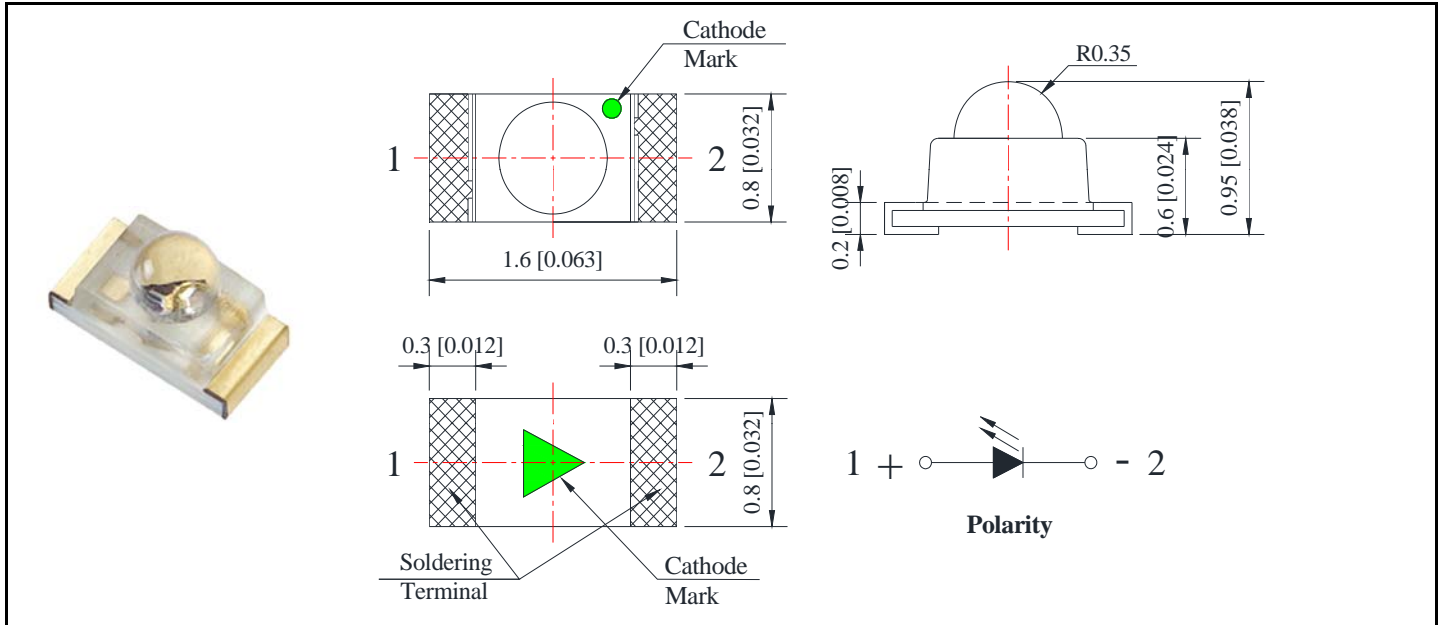
3.20mm×1.60mm×1.40mm With Inner Lens Single Color Chip LED



S350VC-2BS	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	200	400	60
S350AC-2AS	AlGaInP	Super Bright Orange	610	605		2.00	2.40		250	500	
S350YC-2BS	AlGaInP	Super Bright Yellow	592	590		2.00	2.40		200	450	
S350GC-2BS	AlGaInP	Yellow Green	575	573		2.00	2.40		100	200	
S350PGC-G5-1BS	InGaN	Pure Green	520	525		3.20	3.60		750	1000	
S350BC-B4-1BS	InGaN	Blue	468	470		3.20	3.60		500	850	

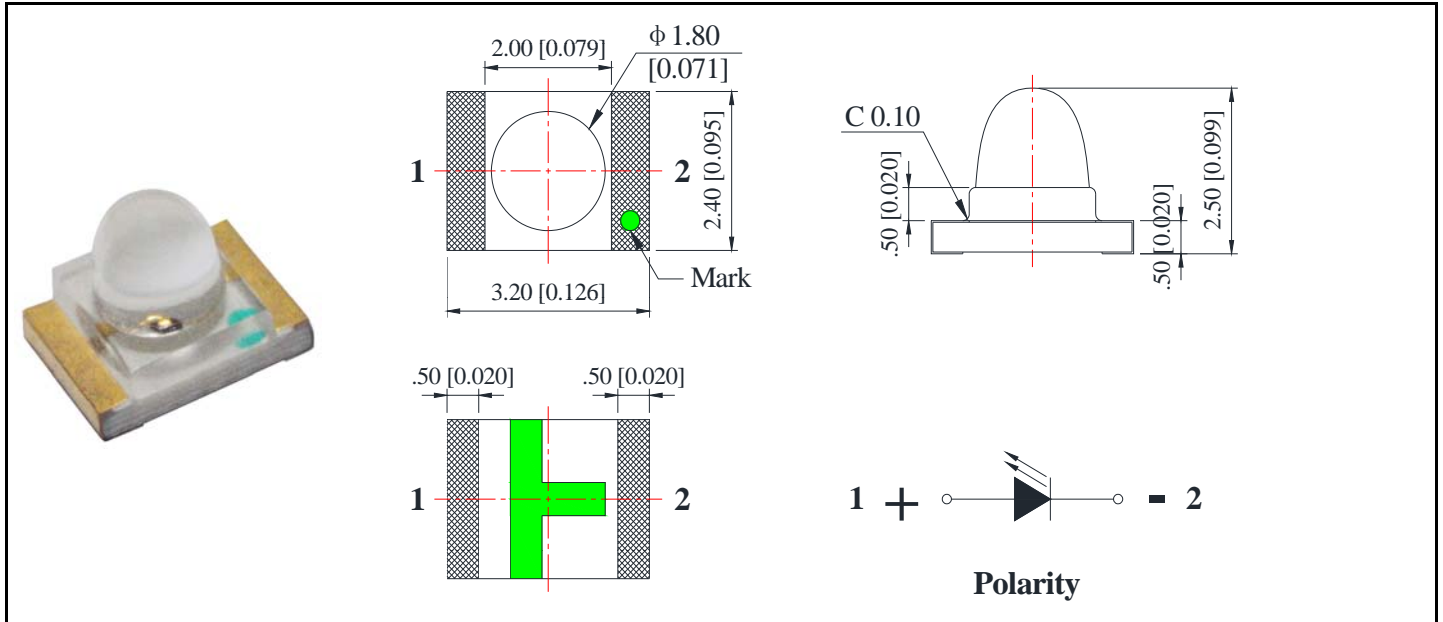
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

1.60mm×0.80mm×0.95mm (0603) Dome Lens Single Color Chip LED



SR190VC-2BJ	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	200	400	35
SR190AC-2BJ	AlGaInP	Super Bright Orange	610	605		2.00	2.40		200	400	
SR190YC-2BJ	AlGaInP	Super Bright Yellow	592	590		2.00	2.40		200	400	
SR190GC-2BJ	AlGaInP	Yellow Green	575	573		2.00	2.40		80	130	
SR190PGC-G5-1BJ	InGaN	Pure Green	520	525		3.20	3.60		1000	2000	
SR190BC-B4-1BJ	InGaN	Blue	468	470		3.20	3.60		200	400	

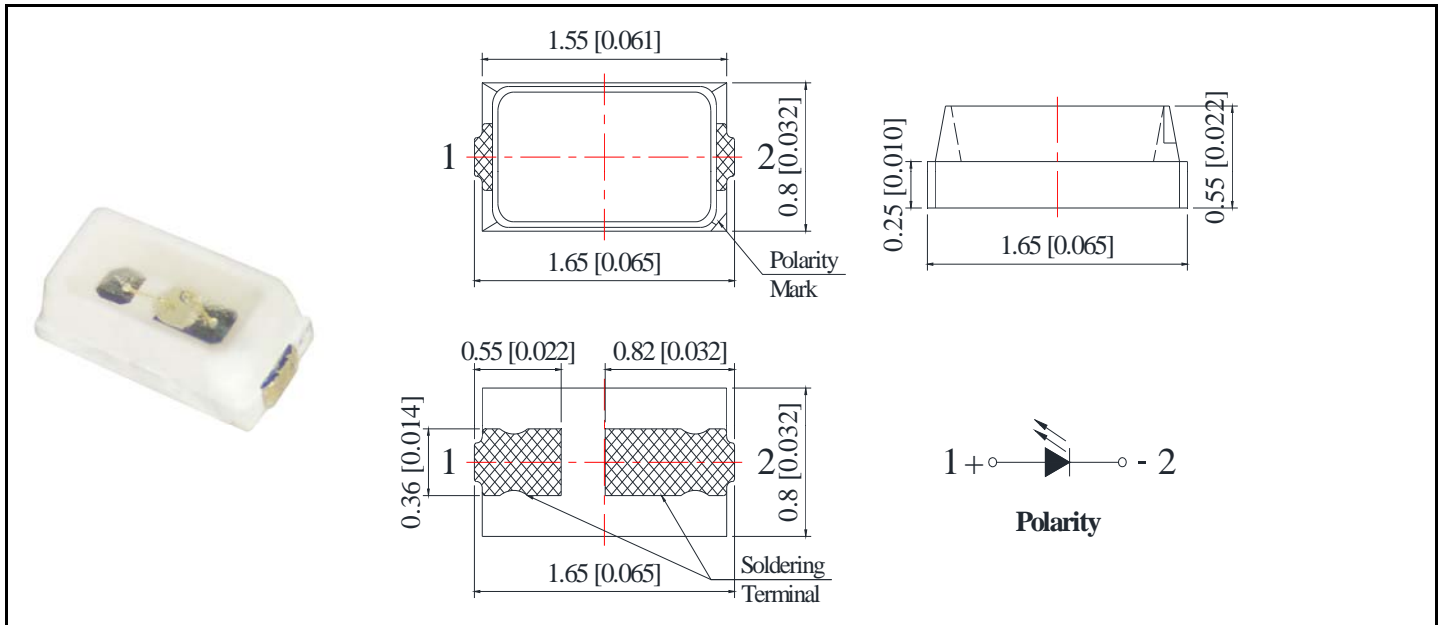
3.20mm×2.40mm×2.50mm 1.80mm Round Subminiature Single Color Chip LED



SR180VC-2B	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	1000	1500	20
SR180AC-2B	AlGaInP	Super Bright Orange	610	605		2.00	2.40		1000	1500	
SR180YC-2B	AlGaInP	Super Bright Yellow	592	590		2.00	2.40		1000	1500	
SR180GC-2B	AlGaInP	Yellow Green	575	573		2.00	2.40		500	1000	
SR180PGC-G5-1B	InGaN	Pure Green	520	525		3.20	3.60		2000	4000	
SR180BC-B4-1B	InGaN	Blue	468	470		3.20	3.60		1000	1500	

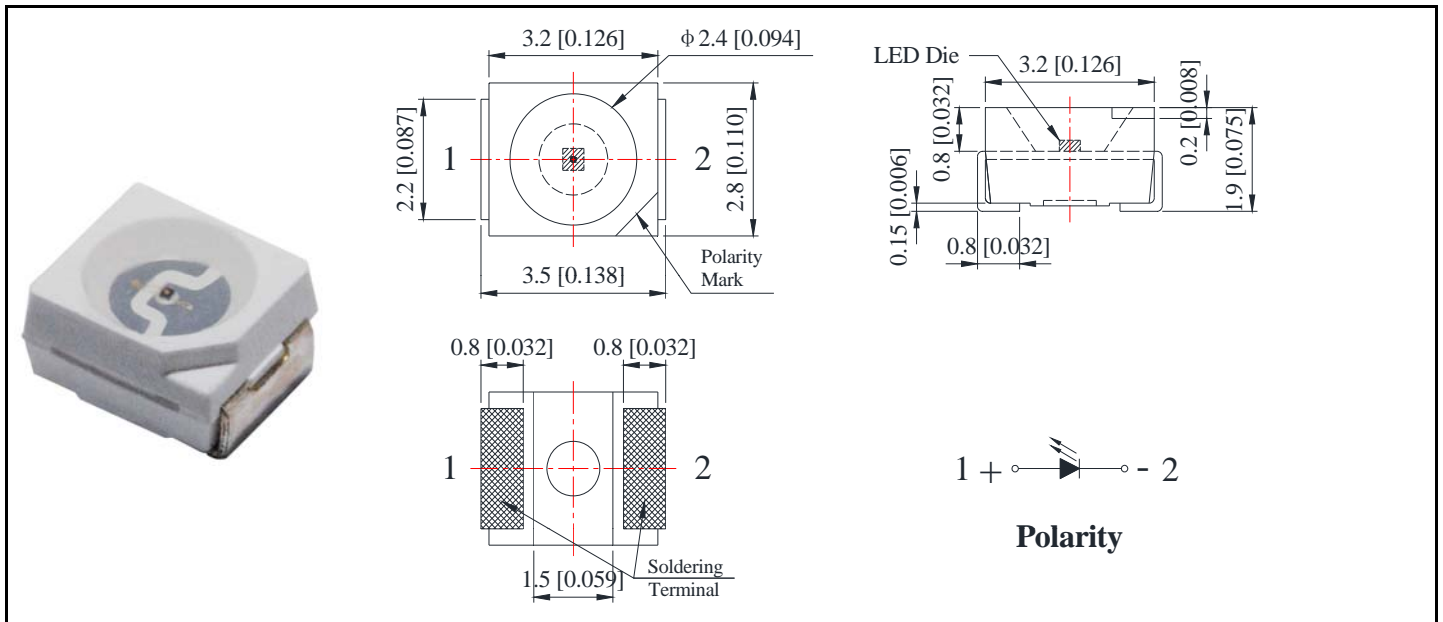
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

1.60mm×0.80mm×0.55mm PLCC-2 Top View Single Color LED



R1608VC-1B	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	150	250	120
R1608AC-1B	AlGaInP	Super Bright Orange	610	605		2.00	2.40		100	150	
R1608YC-1B	AlGaInP	Super Bright Yellow	592	590		2.00	2.40		100	250	
R1608PGC-G5-1B	InGaN	Pure Green	520	525		3.20	3.60		1000	1600	
R1608BC-B4-1B	InGaN	Blue	468	470		3.20	3.60		200	300	
R1608W-W2-1C	InGaN	Cool White	x=0.27	y=0.28	Yellow Diffused	3.20	3.60	900	1100		

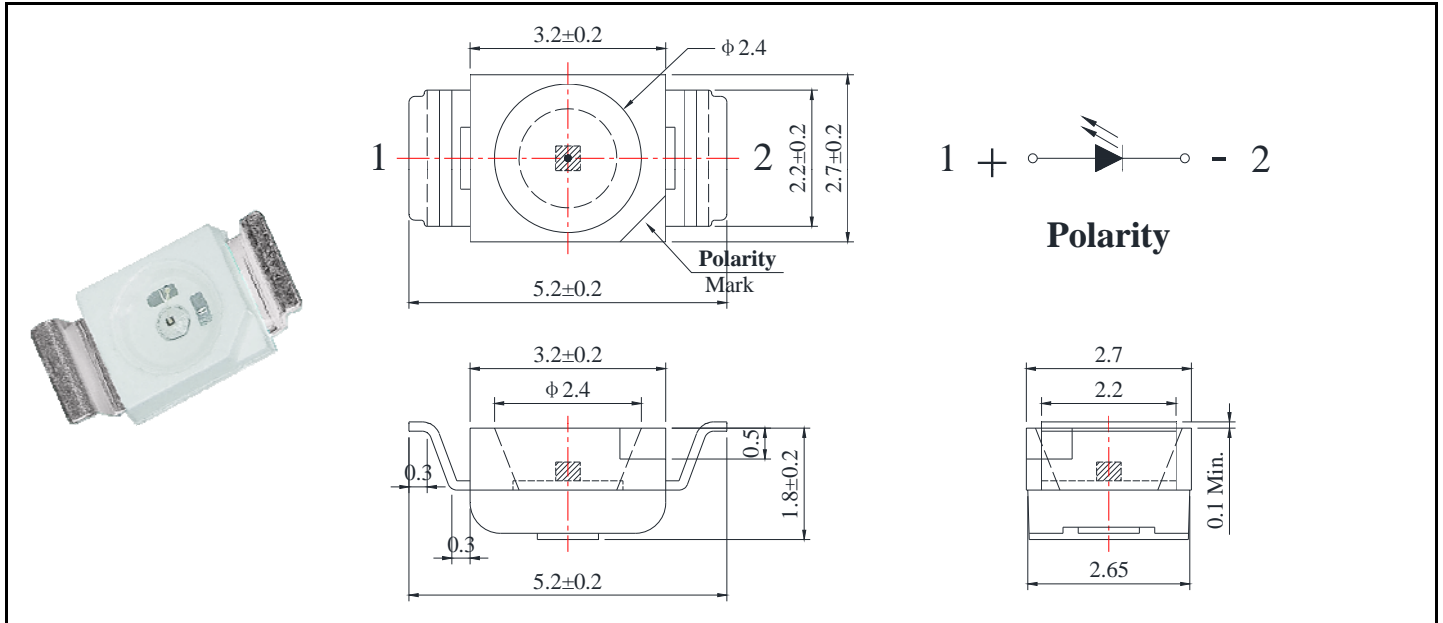
3.50mm×2.80mm×1.90mm PLCC-2 Top View Single Color LED



R3528VC-3C	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	400	600	120
R3528AC-2B	AlGaInP	Super Bright Orange	610	605		2.00	2.40		100	200	
R3528YC-3C	AlGaInP	Super Bright Yellow	592	590		2.00	2.40		400	600	
R3528GC-2B	AlGaInP	Yellow Green	575	573		2.00	2.40		30	70	
R3528PGC-G5-1B	InGaN	Pure Green	520	525		3.20	3.60		1200	1800	
R3528BC-B4-1B	InGaN	Blue	468	470	3.20	3.60	200	400			

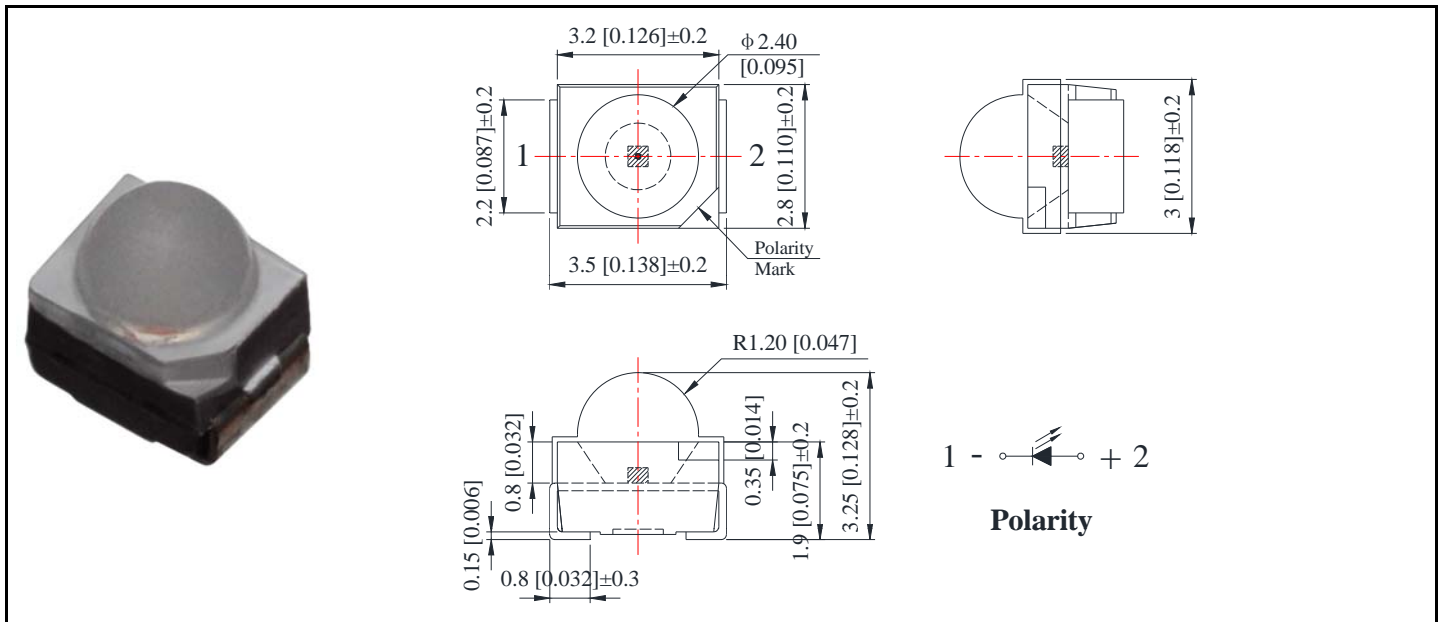
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd) / ΦV (lm)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

3.50mmx2.80mmx1.90mm Reverse Package PLCC-2 Bottom View Single Color LED



R3528VC-2B-TR10	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	80	150	120
R3528AC-2B-TR10	AlGaInP	Super Bright Orange	610	605		2.00	2.40		60	120	
R3528YC-2B-TR10	AlGaInP	Super Bright Yellow	592	590		2.00	2.40		80	150	
R3528GC-2B-TR10	AlGaInP	Yellow Green	575	573		2.00	2.40		20	40	
R3528PGC-G5-1B-TR10	InGaN	Pure Green	520	525		3.20	3.60		400	900	
R3528BC-B4-1B-TR10	InGaN	Blue	468	470		3.20	3.60		200	400	


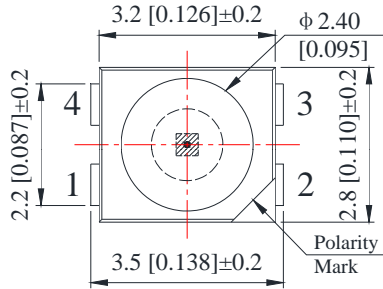
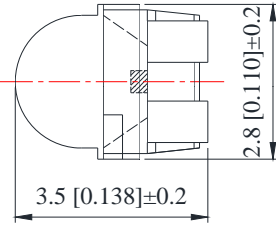
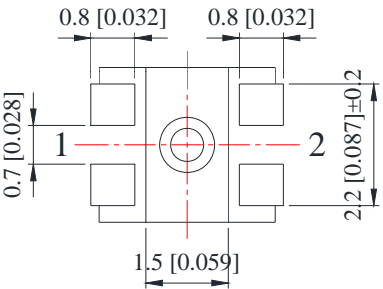
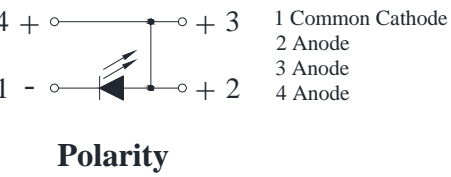
3.50mmx2.80mmx3.25mm PLCC-2 Top View Single Color LED With Lens



RT3528VM-4C	AlGaInP	Super Bright Red	632	624	White Diffused	2.20	2.60	60	2000	3000	60
RT3528AM-4C	AlGaInP	Super Bright Orange	610	605		2.20	2.60		2000	3000	
RT3528YM-4C	AlGaInP	Super Bright Yellow	594	592		2.20	2.60		2000	3000	
RT3528PGM-G5-1B	InGaN	Pure Green	520	525		3.20	3.60		2000	3000	
RT3528BM-B4-1C	InGaN	Blue	463	465		3.20	3.60		1000	1500	
RT3528W-W2-1F	InGaN	White	x=0.32	y=0.33		Yellow Diffused	3.20		3.60	2000	

Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd) / Φ_V (lm)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2


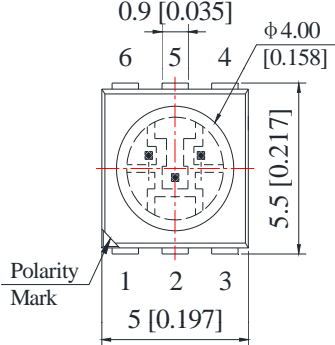
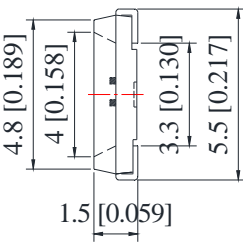
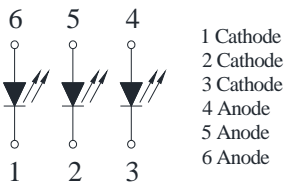
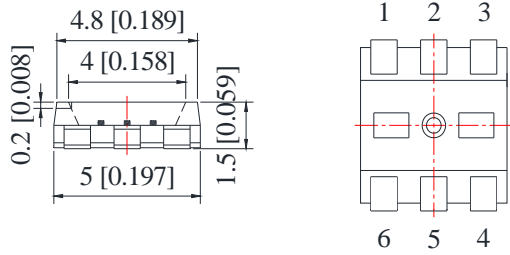
3.50mm×2.80mm×3.50mm PLCC-4 Top View Single Color LED With Lens

Polarity

RT3528V1C-C-5C	AlGaInP	Super Bright Red	625	620	Water Clear	2.10	2.60	50	7000	10000	30
RT3528Y1C-C-5C	AlGaInP	Super Bright Yellow	592	590		2.10	2.60		7000	10000	
RT3528BG1C-A-G3-1B	InGaN	Bluish Green	500	505		3.10	3.60	30	5000	8000	

5.00mm×5.50mm×1.50mm PLCC-6 Top View Single Color LED


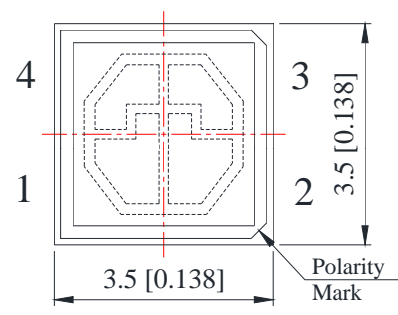
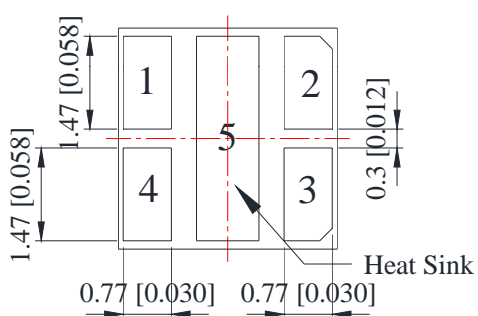
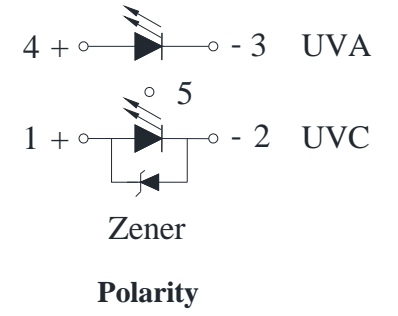






Polarity

R5050VC-3C	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	60	1600	2000	120
R5050AC-2B	AlGaInP	Super Bright Orange	610	605		2.00	2.40		400	600	
R5050YC-3C	AlGaInP	Super Bright Yellow	592	590		2.00	2.40		1200	1600	
R5050GC-2B	AlGaInP	Yellow Green	575	573		2.00	2.40		200	350	
R5050PGC-G5-1B	InGaN	Pure Green	520	525		3.20	3.60		3500	4500	
R5050BC-B4-1B	InGaN	Blue	468	470		3.20	3.60		800	1200	

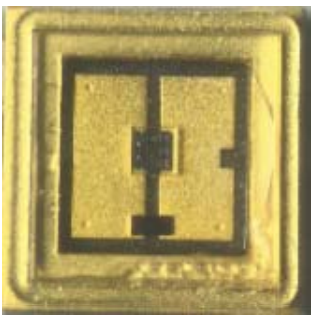
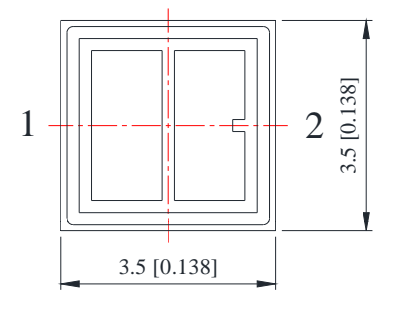
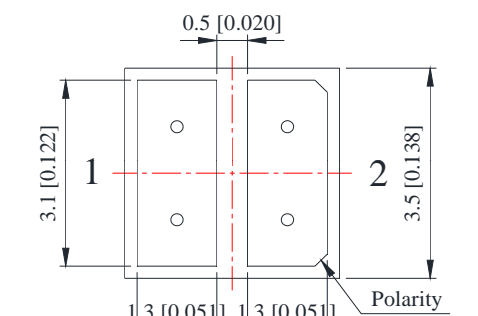
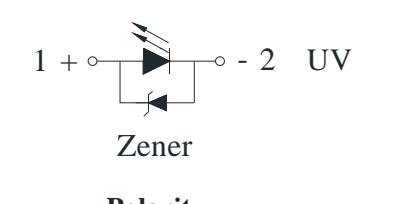
Part Number	Chip Material	Emitting Color	λ_p (nm) / P.W	λ_d (nm) / P.W	Lens Color	VF (V)		IV (mcd) / Ee (mW/Sr) / Radiant Flux (mW)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

3.50mm×3.50mm×1.36mm Top View UVC 275nm+UVA 395nm LED Surface Mount Sterilization LED

C3535DUVC-QB-Q5-DY	InGaN	UVC	275	/	Quartz Glass	6.00	7.00	40	3.00	5.00	120
		UVA	395	/		3.20	3.60	100	20.00	40.00	

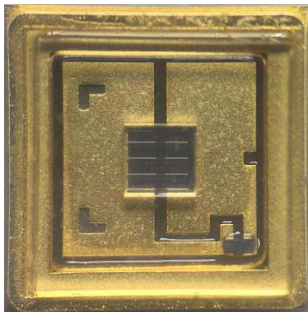
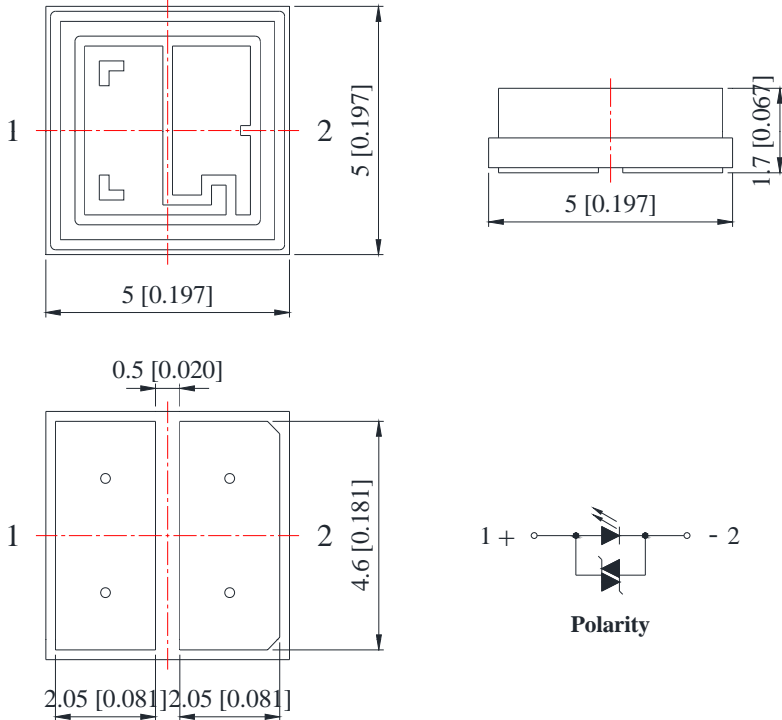
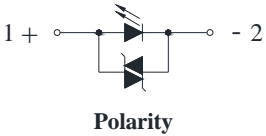
3.50mm×3.50mm×1.60mm Top View Deep UV Surface Mount Sterilization LED

C3535DUVC-QBH-1C-D	InGaN	Deep UV	275	/	Quartz Glass	6.50	7.00	50	/	5.80	120
--------------------	-------	---------	-----	---	--------------	------	------	----	---	------	-----


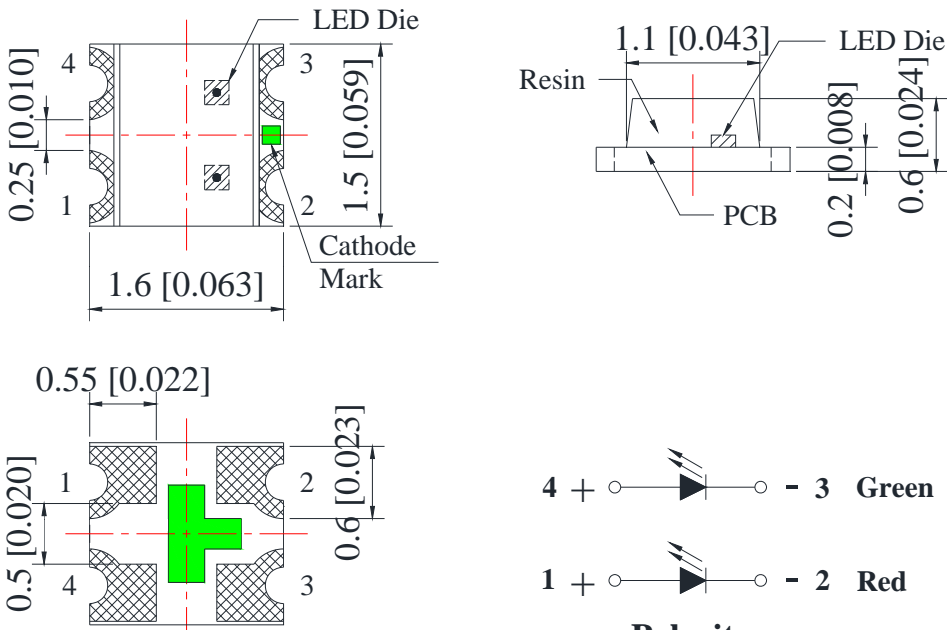
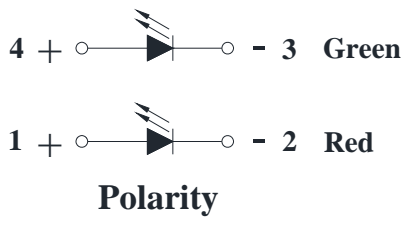
Part Number	Chip Material	Emitting Color	λ_p (nm) / P.W	λ_d (nm) / P.W	Lens Color	VF (V)		IV (mcd) / Ee (mW/Sr) / Radiant Flux (mW)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2θ 1/2

5.00mm×5.00mm×1.70mm Top View Deep UV Surface Mount Sterilization LED

C5050DUVC-QBH-1C-D	InGaN	Deep UV	275	/	Quartz Glass	6.50	7.00	350	35.00	50.00	120
--------------------	-------	---------	-----	---	--------------	------	------	-----	-------	-------	-----

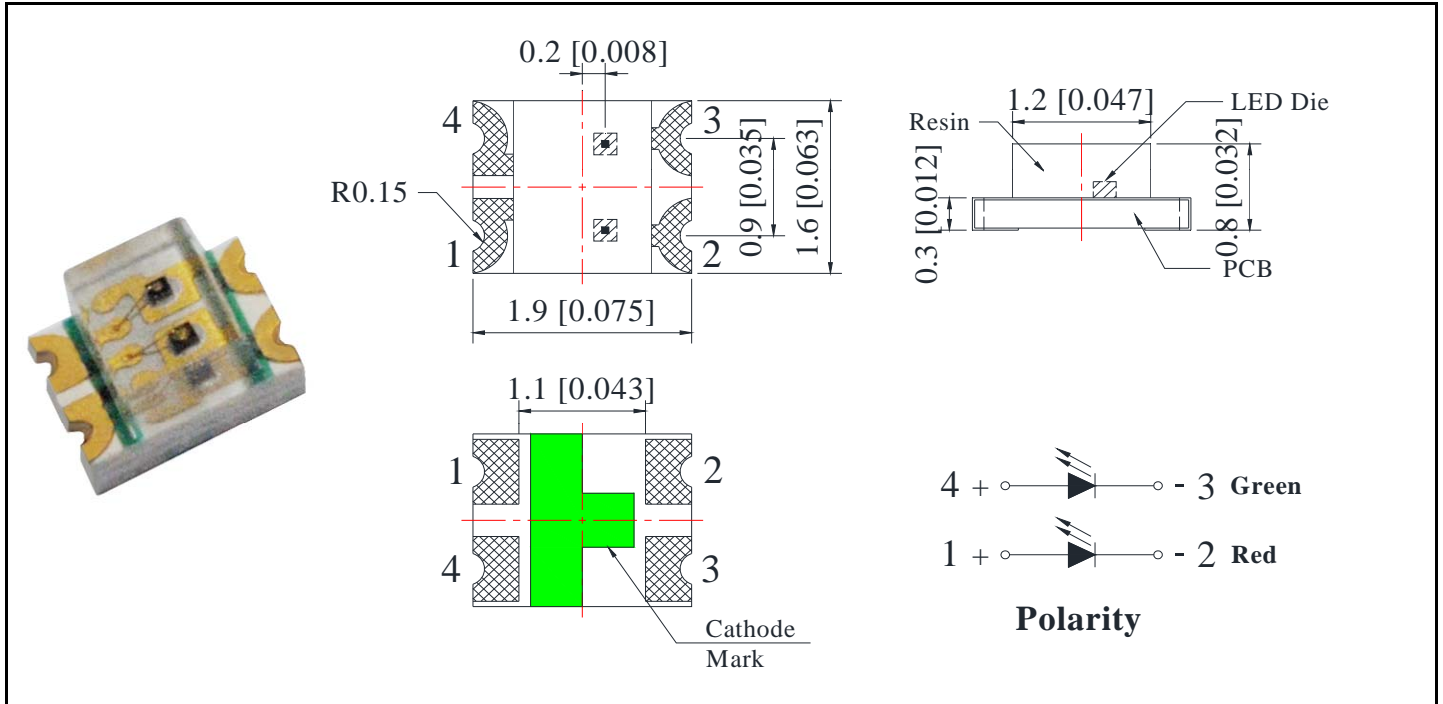
1.60mm×1.50mm×0.60mm Bi-color Chip LED

S195VGC-2CC	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	70	110	140
	AlGaInP	Yellow Green	575	573		2.00	2.40		25	40	

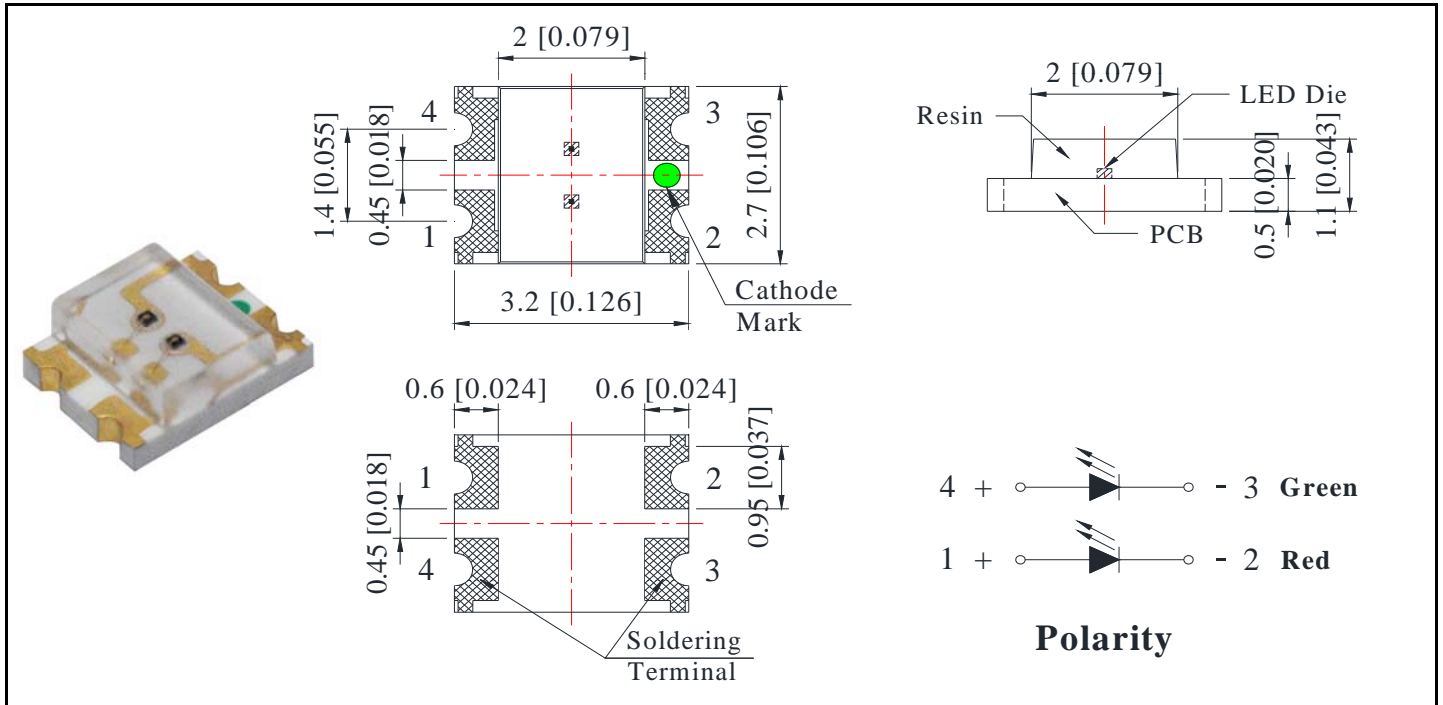
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd) / Ee (mW/Sr) / Radiant Flux (mW)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2θ ½

1.90mm×1.60mm×0.80mm Bi-color Chip LED



S195EVGC-2BE	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	35	70	140
	AlGaInP	Yellow Green	575	573		2.00	2.40		25	60	

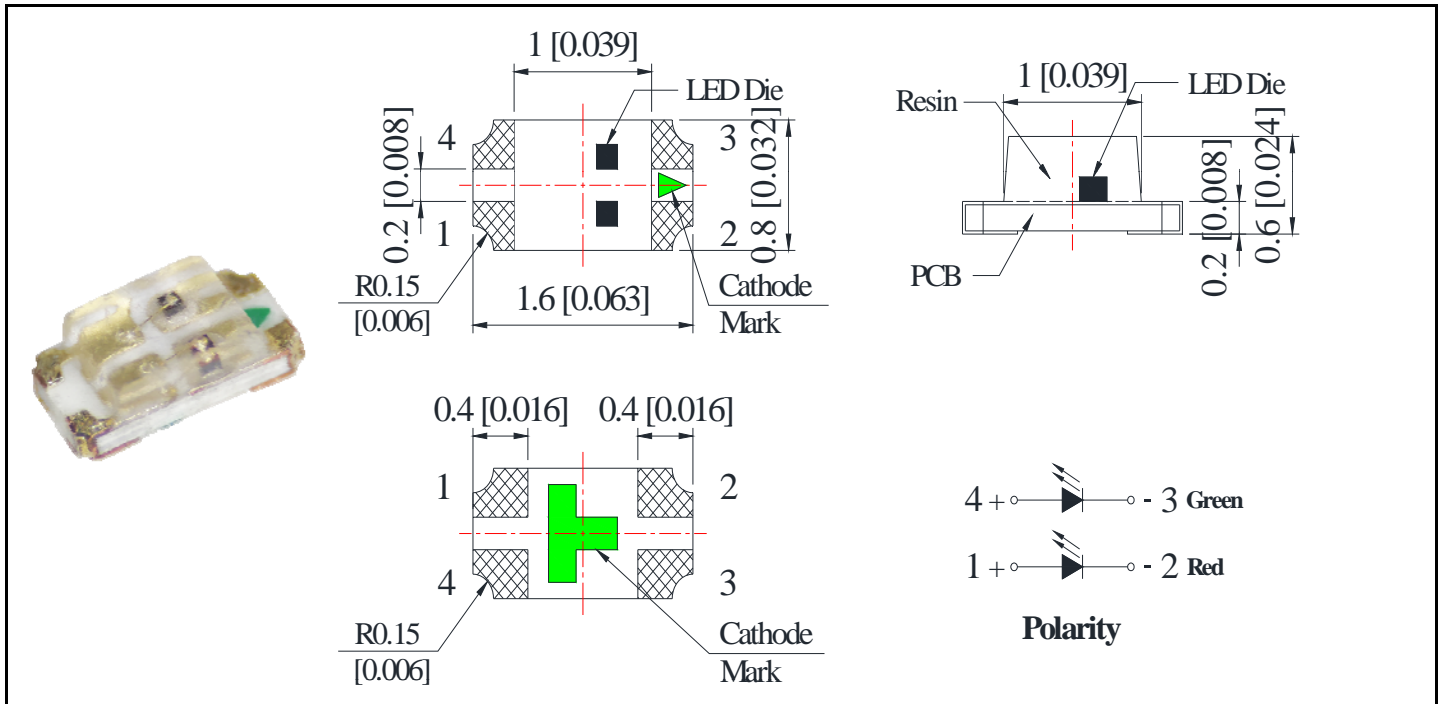
3.20mm×2.70mm×1.10mm Bi-color Chip LED



S155VGC-2BS	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	80	120	120
	AlGaInP	Yellow Green	575	573		2.00	2.40		35	70	

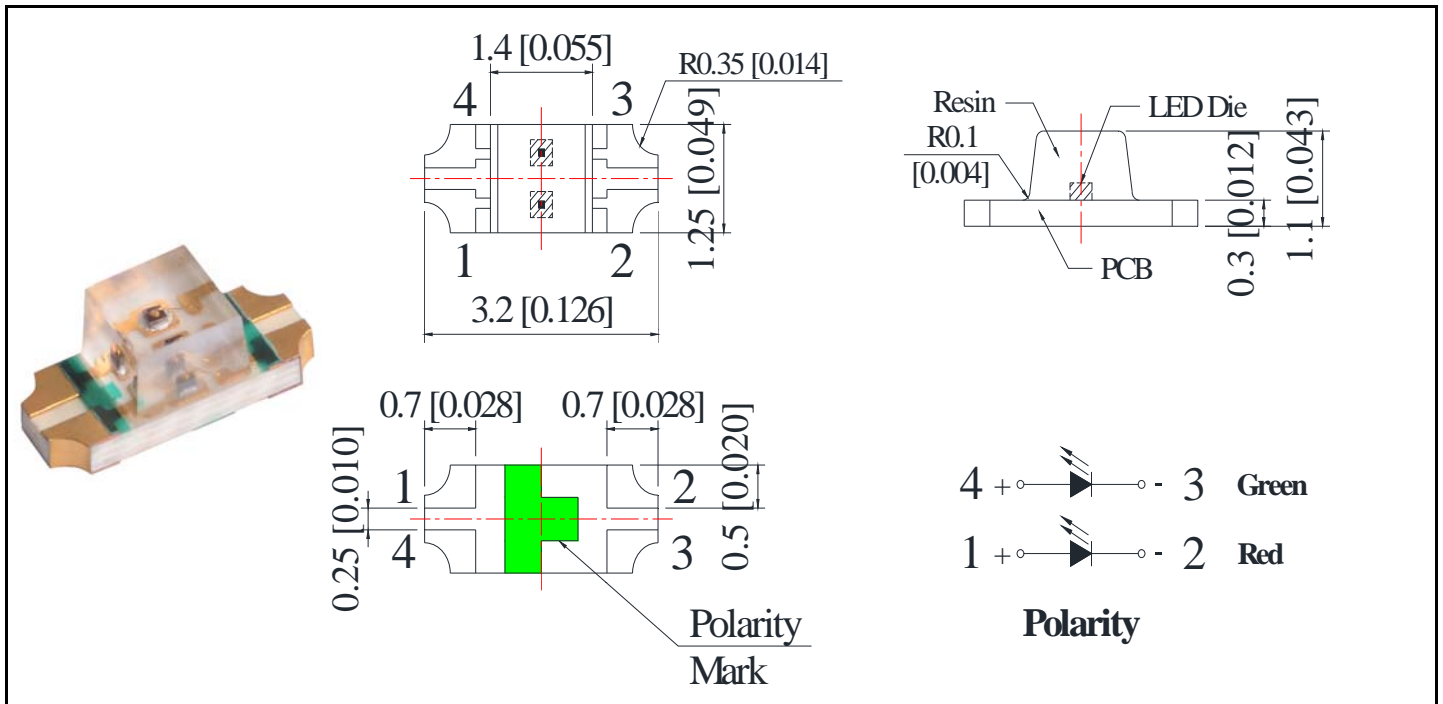
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd) / Ee (mW/Sr) / Radiant Flux (mW)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2θ ½

1.60mm×0.80mm×0.60mm Bi-color Chip LED



S195AVGC-2BM	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	80	120	120
	AlGaInP	Yellow Green	575	573		2.00	2.40		20	40	

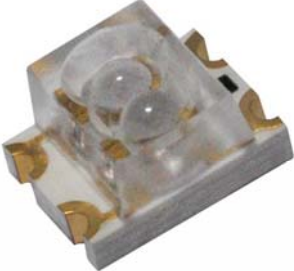
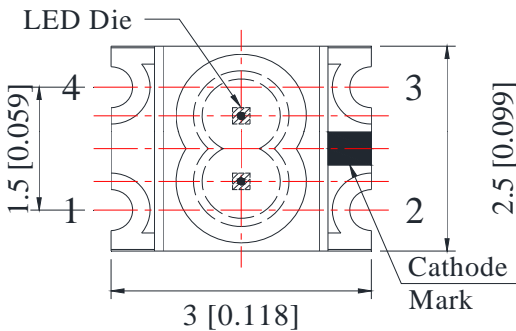
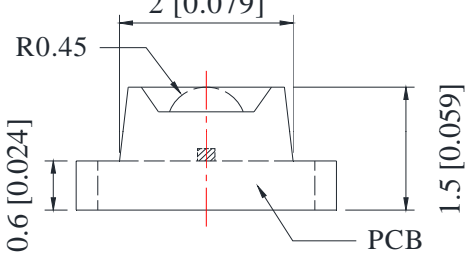
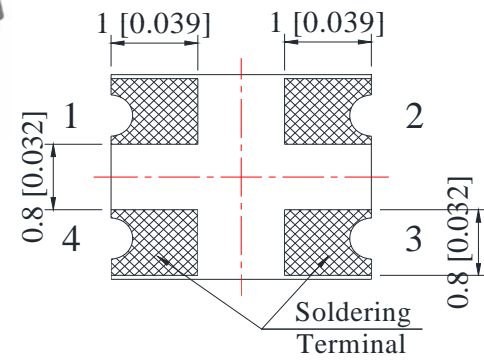
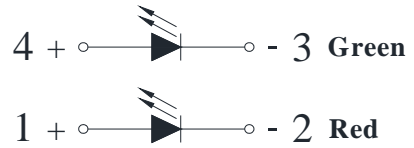
3.20mm×1.25mm×1.10mm Reverse Package Bi-color Chip LED



S155EVGC-2BC	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	80	120	130
	AlGaInP	Yellow Green	575	573		2.00	2.40		20	55	

Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2θ ½

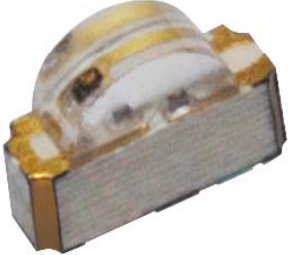
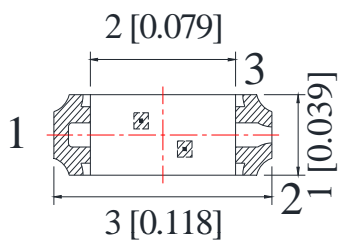
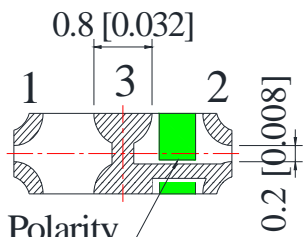
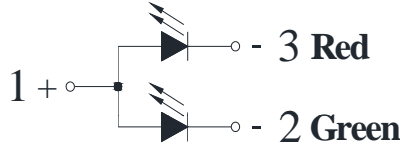
3.00mmx2.50mmx1.50mm With Inner Lens Bi-color Chip LED

Polarity

S355VGC-2BE	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	100	200	60
	AlGaInP	Yellow Green	575	573		2.00	2.40		50	100	

3.00mmx1.00mmx2.00mm With Right Angle Lens Bi-color Chip LED

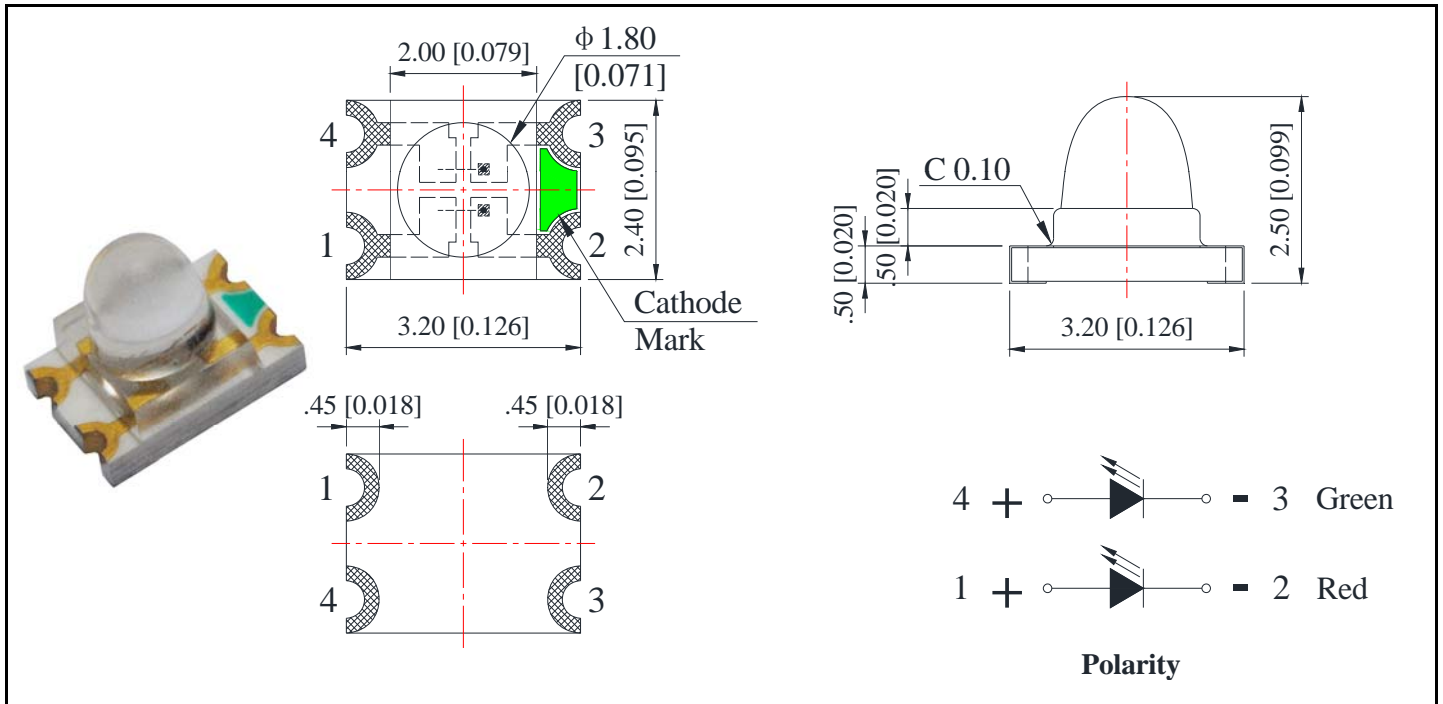





Polarity

S115PVGC-2BE	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	40	80	120
	AlGaInP	Yellow Green	575	573		2.00	2.40		30	50	

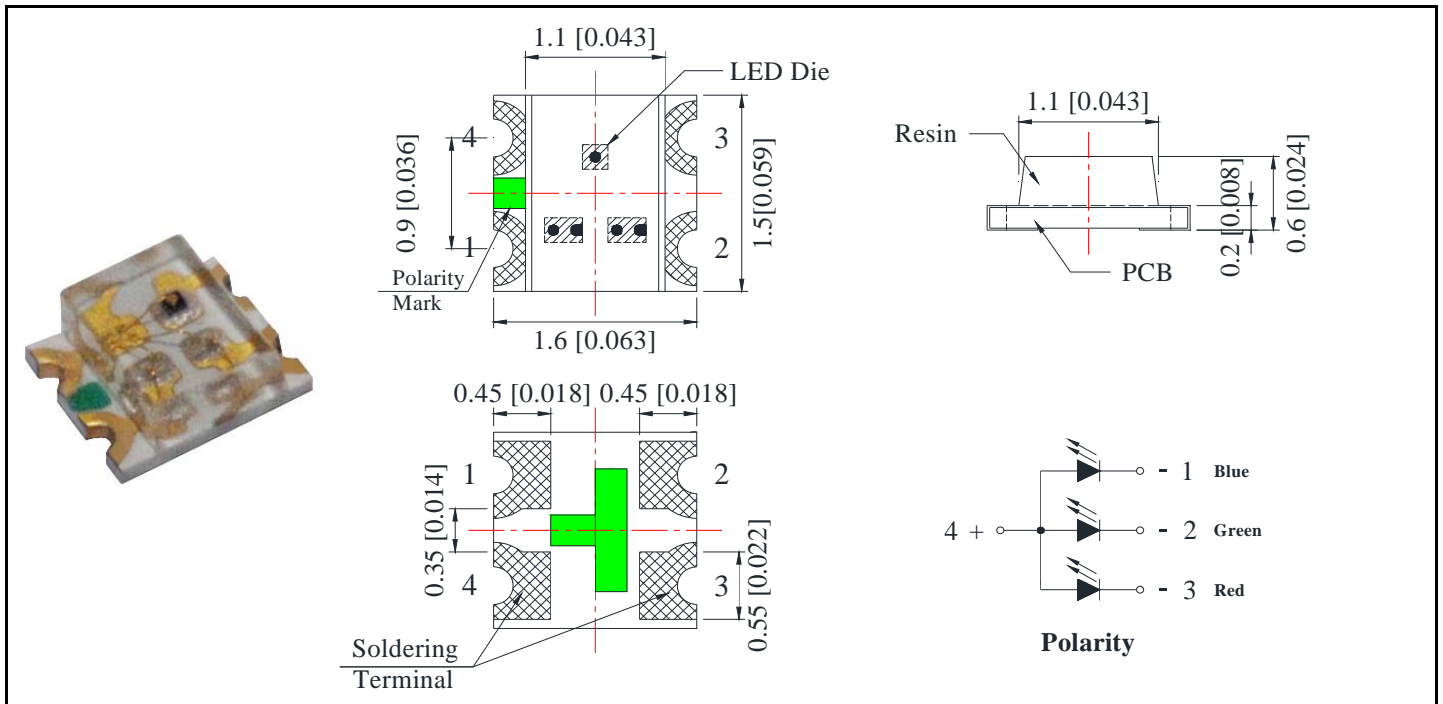
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

3.20mm×2.40mm×2.50mm 1.80mm Round Subminiature Bi-color Chip LED



SR185VGC-2B	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	300	700	30
	AlGaInP	Yellow Green	575	573		2.00	2.40		100	300	

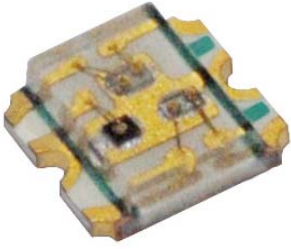
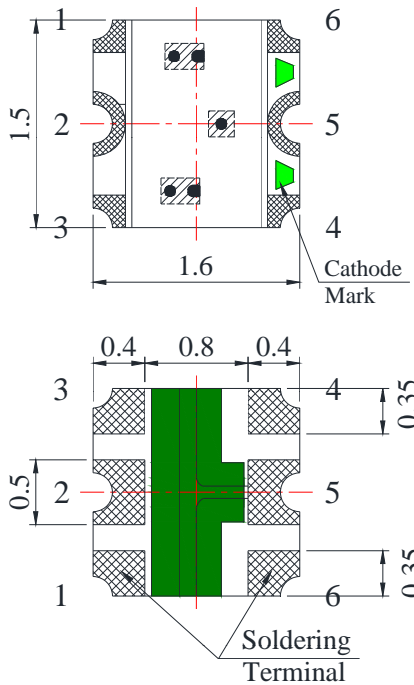
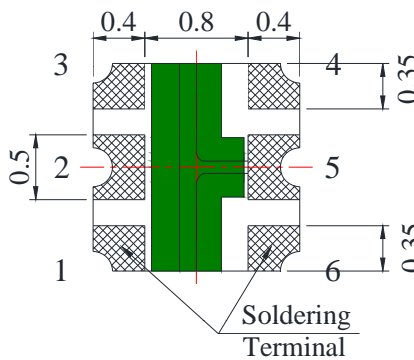
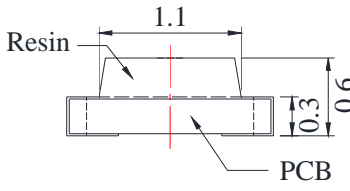
1.60mm×1.50mm×0.60mm (0606) Multi-Color Chip LED





S197CRGBC-001	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	80	120	120
	InGaN	Pure Green	520	525		3.20	3.60		250	400	
	InGaN	Blue	468	470		3.20	3.60		80	120	


Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

1.60mm×1.50mm×0.60mm (0606) Multi-Color Chip LED

1 +  - 6 GREEN


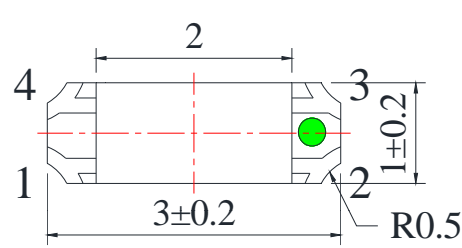
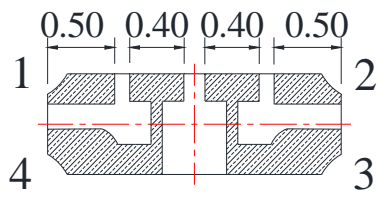
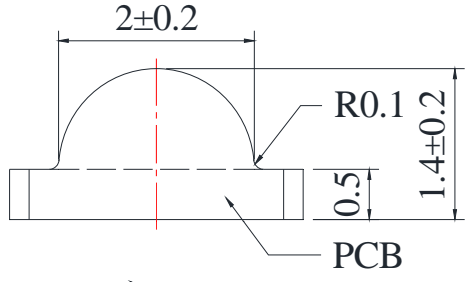
2 +  - 5 RED


3 +  - 4 BLUE


Polarity


S197FRGBC-001J	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	80	120	120
	InGaN	Pure Green	520	525		3.20	3.60		350	550	
	InGaN	Blue	468	470		3.20	3.60		100	150	

3.00mm×1.00mm×1.40mm (1204) With Right Lens Multi-Color Chip LED

1 +  - RED 2

 - GREEN 3

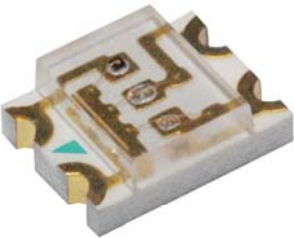
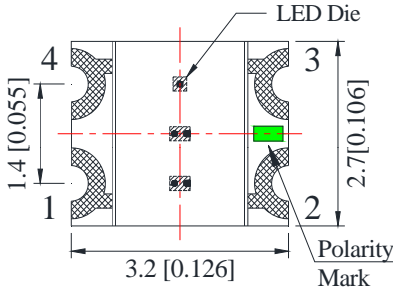
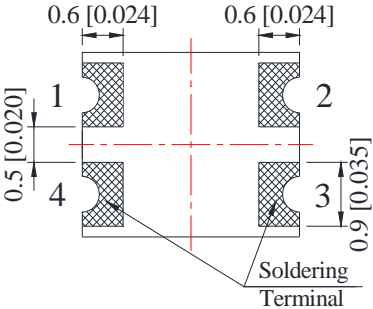
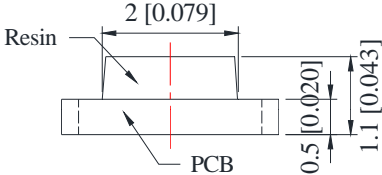
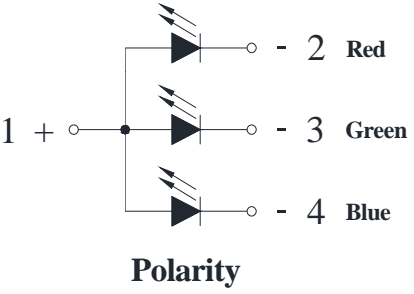
 - BLUE 4

Polarity

S117FRGBC-001	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	80	150	120
	InGaN	Pure Green	520	525		3.20	3.60		250	500	
	InGaN	Blue	468	470		3.20	3.60		80	150	


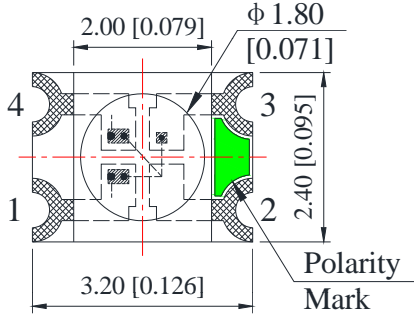
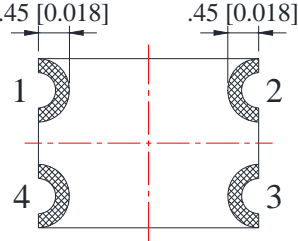
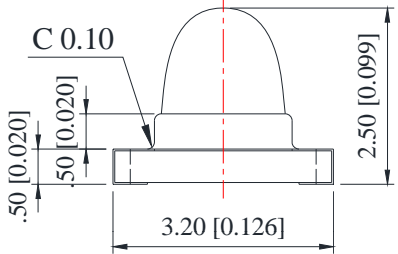
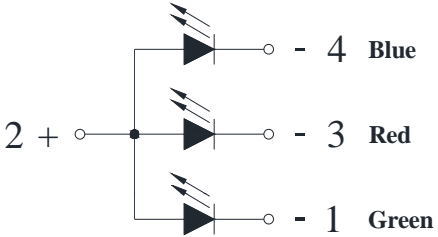
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

3.20mm×2.70mm×1.10mm (1210) Multi-Color Chip LED

S157BRGBC-001	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	80	120	120
	InGaN	Pure Green	520	525		3.20	3.60		250	500	
	InGaN	Blue	468	470		3.20	3.60		80	120	


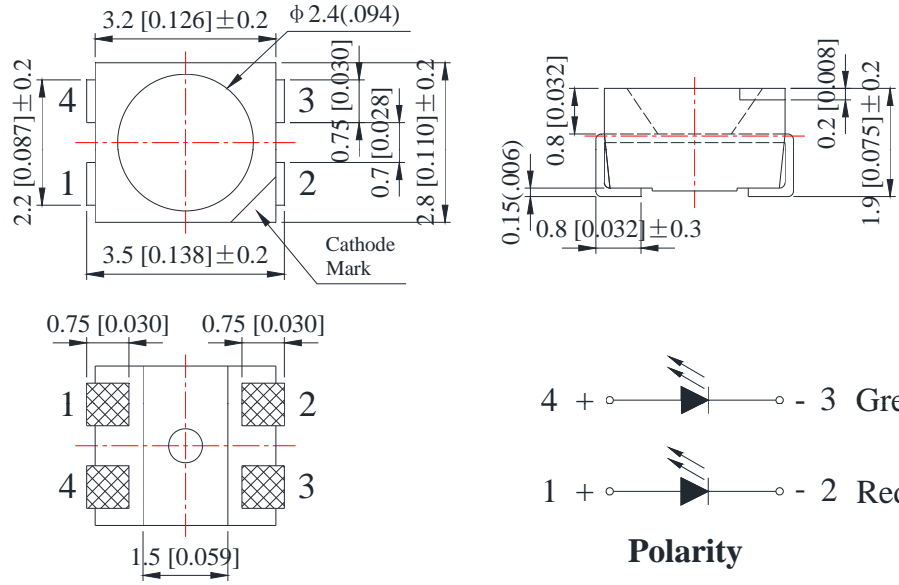
3.20mm×2.40mm×2.50mm (1210) 1.80mm Round Subminiature Multi-color Chip LED

SR187RGBC	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	30	60	60
	InGaN	Pure Green	520	525		3.20	3.60		150	300	
	InGaN	Blue	468	470		3.20	3.60		25	50	

Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd) / Φ_V (lm)			Viewing Angle
						Typ.	Max.	IF=1mA	Min.	Typ.	2 θ 1/2

3.50mmx2.80mmx1.90mm PLCC-4 Top View Bi-Color LED


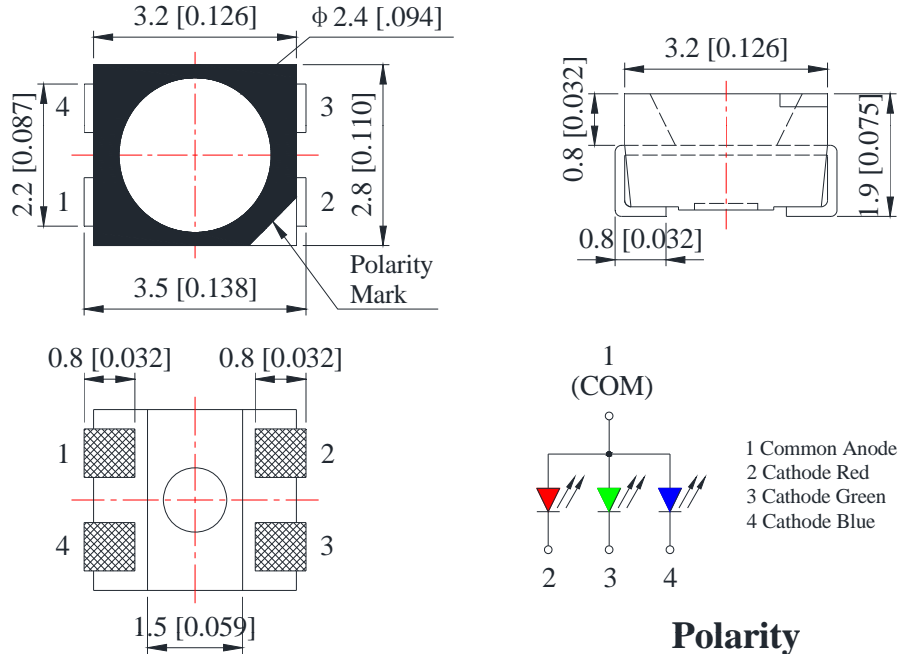



Polarity

4 + ◯ → ◯ - 3 Green
 1 + ◯ → ◯ - 2 Red

R3528VGC-2B	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	100	200	120
	AlGaInP	Yellow Green	575	573		2.00	2.40		30	70	

3.50mmx2.80mmx1.90mm PLCC-4 Top View Multi-Color LED

Polarity

1 (COM)
 2 Cathode Red
 3 Cathode Green
 4 Cathode Blue

R3528RGBC-008-B	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	200	400	120
	InGaN	Pure Green	520	525		3.20	3.60		800	1200	
	InGaN	Blue	468	470		3.20	3.60		150	300	

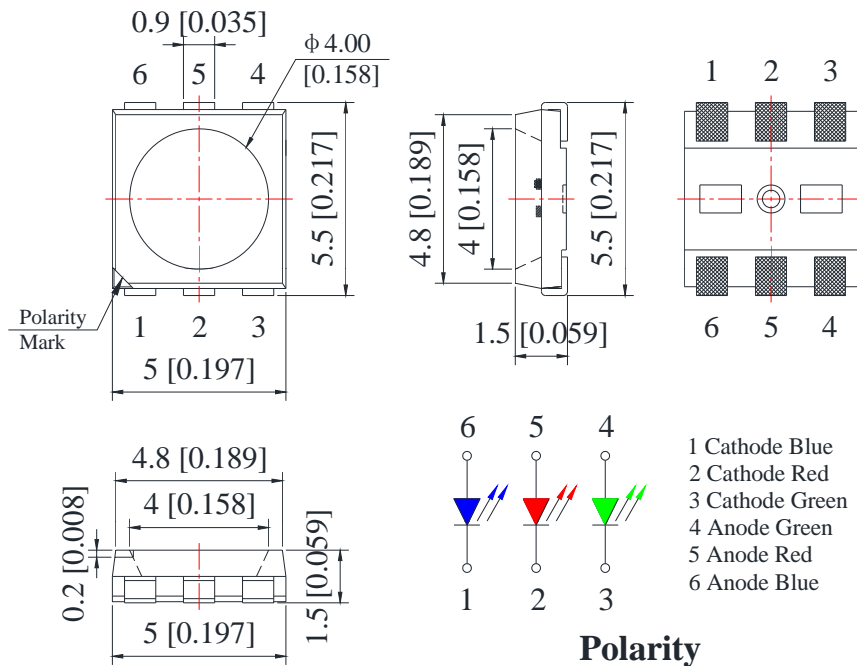
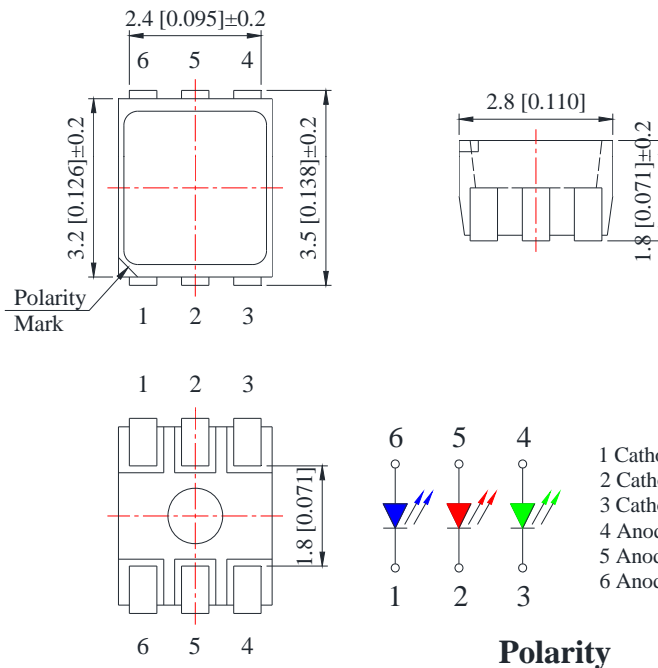
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd) / Φ_V (lm)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

3.50mm×2.80mm×1.80mm PLCC-6 Top View Multi-Color LED

R3528BRGBC-001	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	400	600	120
	InGaN	Pure Green	520	525		3.20	3.60		1200	1500	
	InGaN	Blue	468	470		3.20	3.60		300	500	

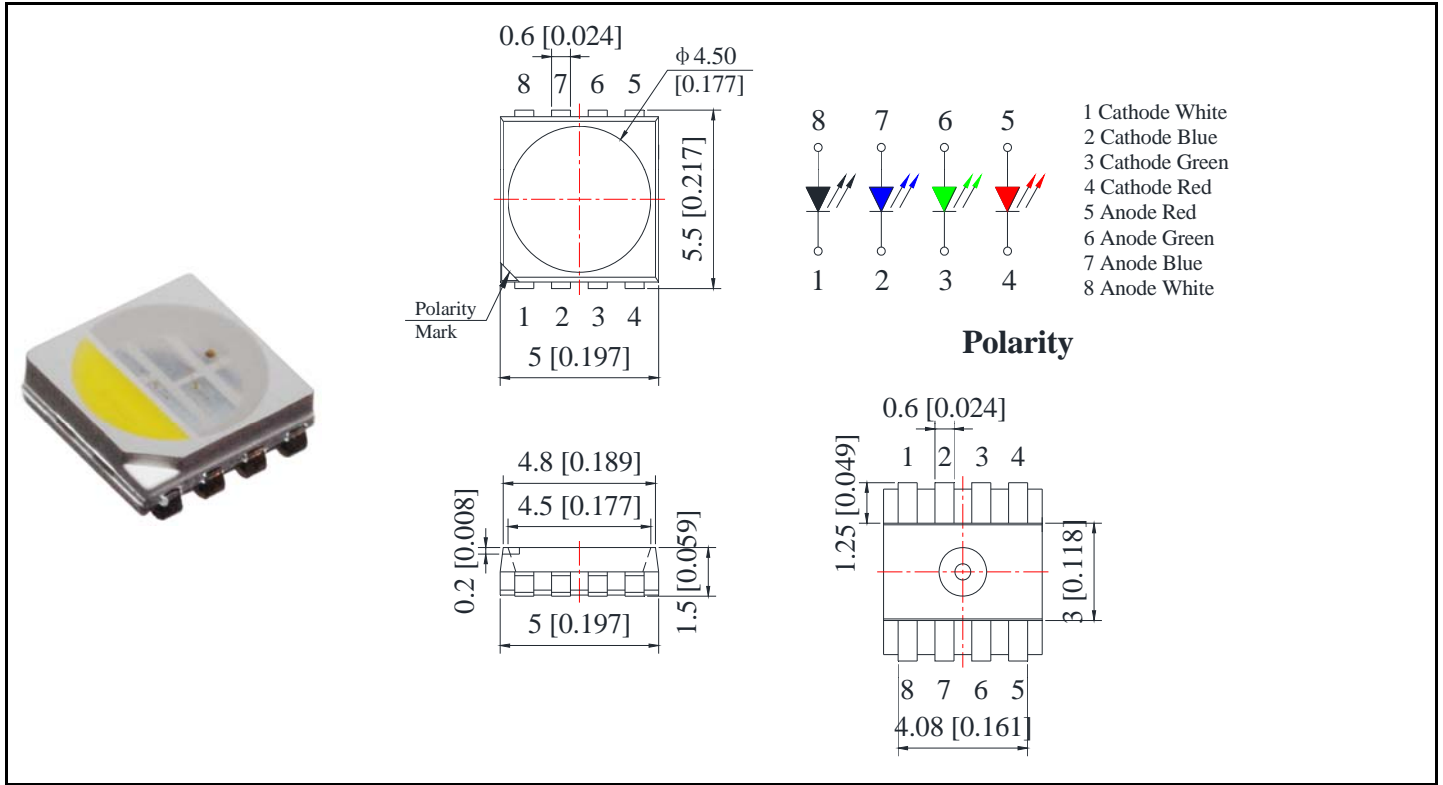
5.00mm×5.50mm×1.50mm PLCC-6 Top View Multi-Color LED

R5050RGBC-001	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	650	800	120
	InGaN	Pure Green	520	525		3.20	3.60		1500	2000	
	InGaN	Blue	468	470		3.20	3.60		400	600	



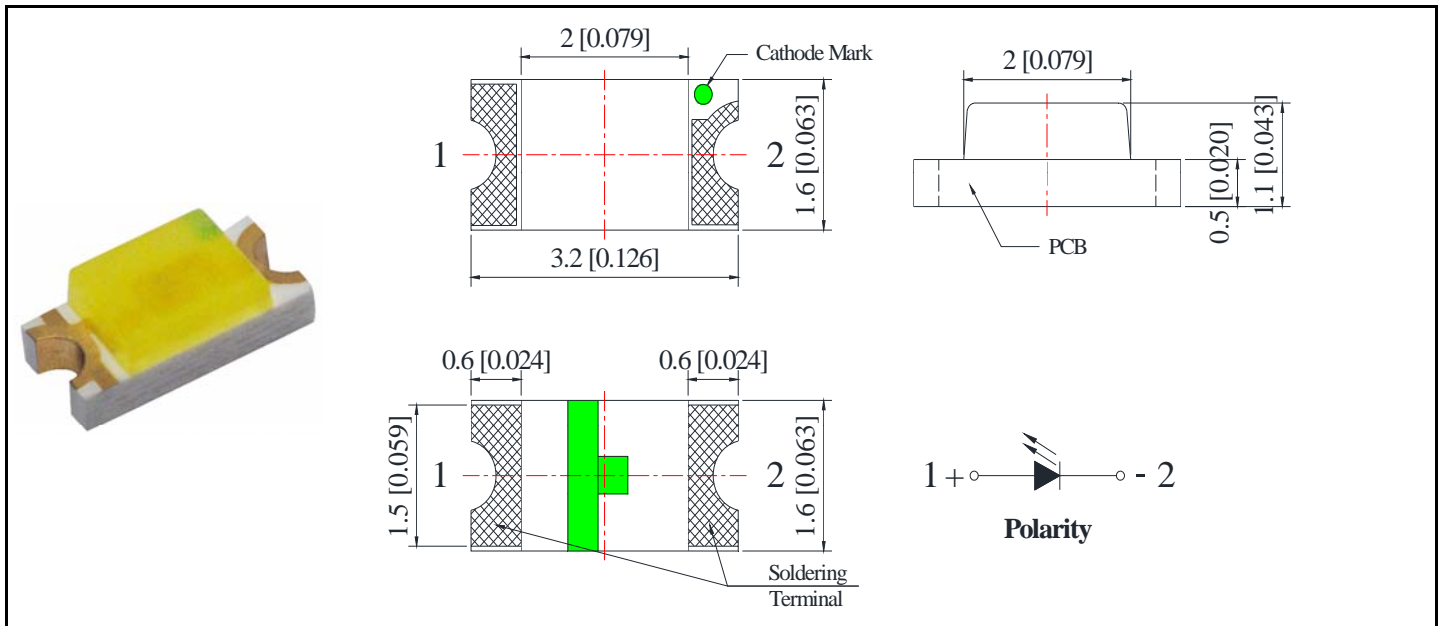
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd) / Φ_V (lm)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

5.00mmx5.50mmx1.50mm PLCC-8 Top View Multi-Color LED



R5050RGBWC-001	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	300	500	120
	InGaN	Pure Green	520	525		3.20	3.40		1500	2200	
	InGaN	Blue	468	470		3.20	3.40		250	450	
	InGaN	Cool White	x=0.31	y=0.32		Yellow Diffused	3.20		3.40	9 lm	

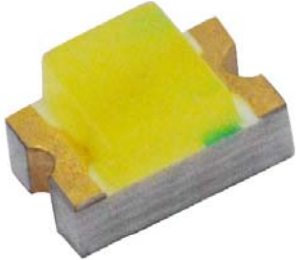
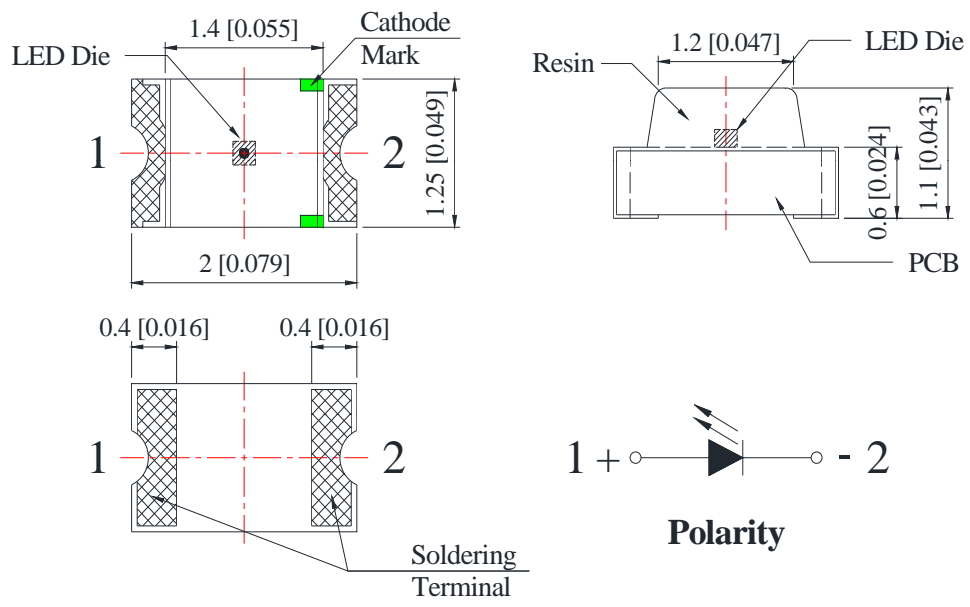
3.20mmx1.60mmx1.10mm (1206) Single Color White Chip LED



S150W-W2-1BG	InGaN	Cool White	x=0.27	y=0.28	Yellow Diffused	3.20	3.60	20	700	1100	120
S150W-W6-1ES	InGaN	Warm White	x=0.43	y=0.40		3.20	3.60		500	900	

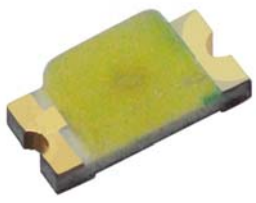
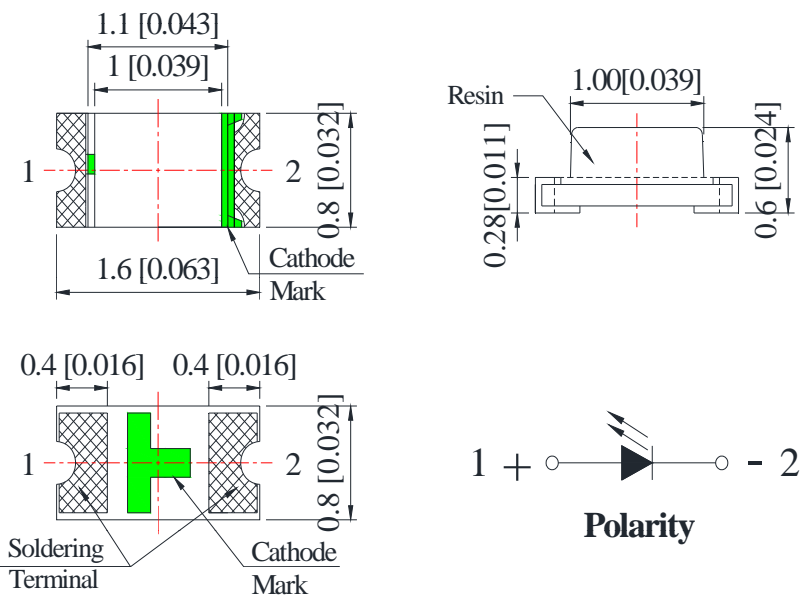
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd) / Φ_V (lm)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

2.00mm×1.25mm×1.10mm (0805) Single Color White Chip LED

S170W-W2-1BG	InGaN	Cool White	x=0.30	y=0.30	Yellow Diffused	3.20	3.60	20	400	600	120
--------------	-------	------------	--------	--------	-----------------	------	------	----	-----	-----	-----

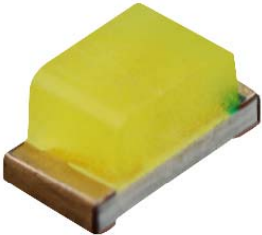
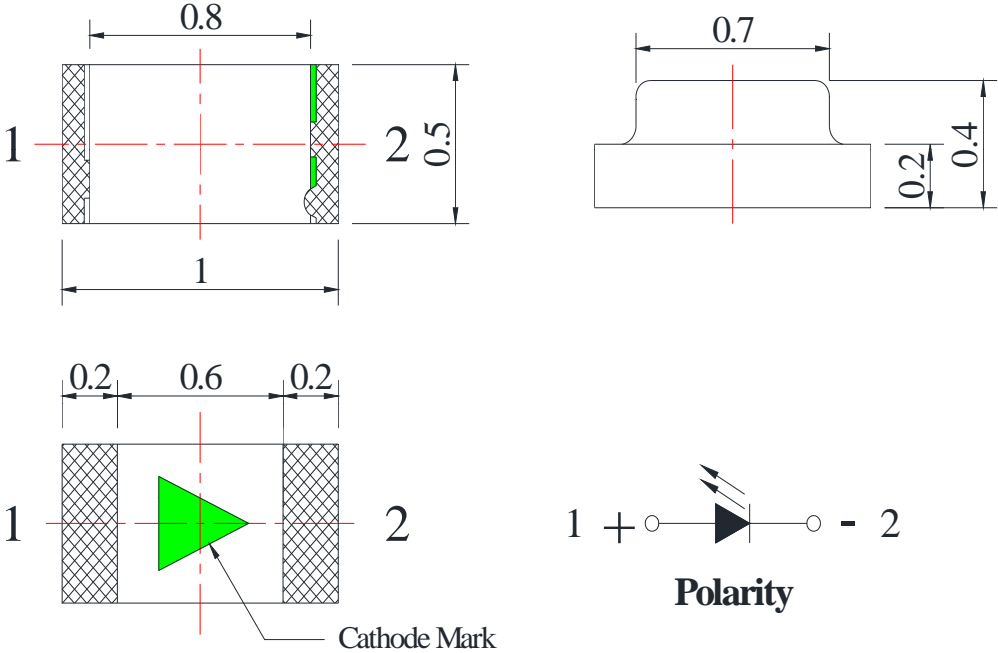
1.60mm×0.80mm×0.60mm (0603) Single Color White Chip LED

S192W-W2-1AG	InGaN	Cool White	x=0.27	y=0.27	Yellow Diffused	3.20	3.60	20	400	650	120
--------------	-------	------------	--------	--------	-----------------	------	------	----	-----	-----	-----

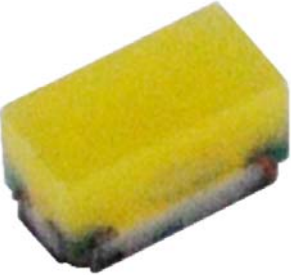
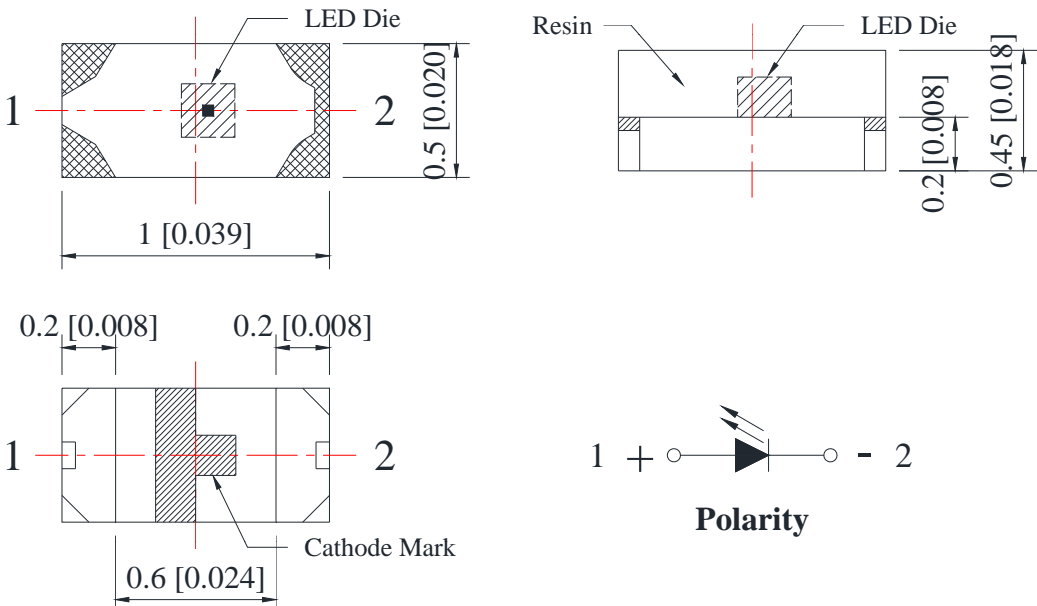
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

1.00mm×0.50mm×0.40mm (0402) Single Color White Chip LED

S162W-W2-1CC	InGaN	Cool White	x=0.28	y=0.28	Yellow Diffused	3.20	3.60	20	500	750	120
--------------	-------	------------	--------	--------	-----------------	------	------	----	-----	-----	-----

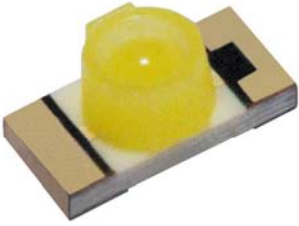
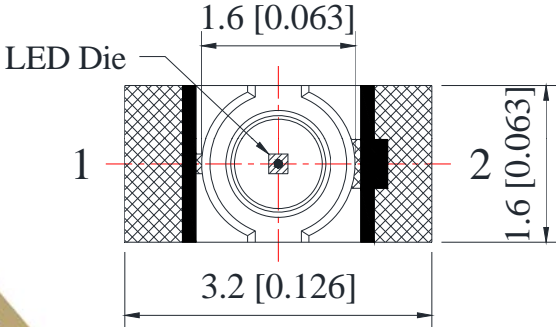
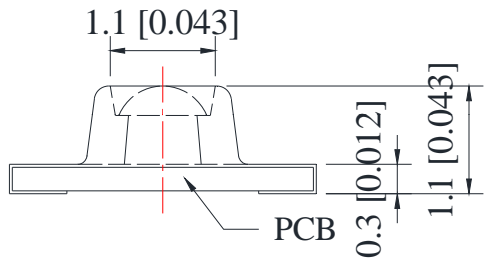
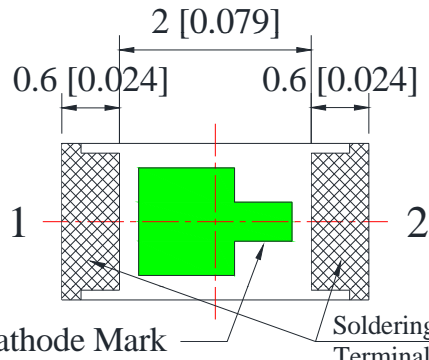

1.00mm×0.50mm×0.45mm (0402) Single Color White Chip LED

S160W-W2-1CS	InGaN	Cool White	x=0.30	y=0.31	Yellow Diffused	3.20	3.60	20	400	600	120
--------------	-------	------------	--------	--------	-----------------	------	------	----	-----	-----	-----

Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2θ 1/2


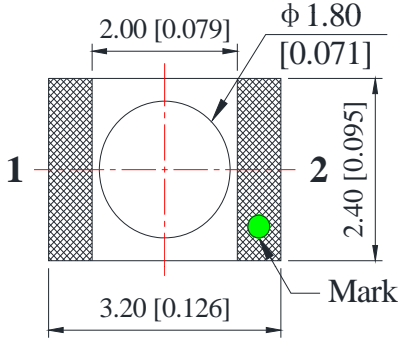
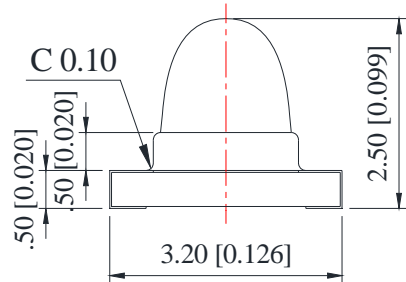
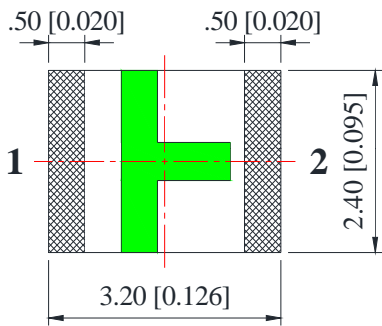
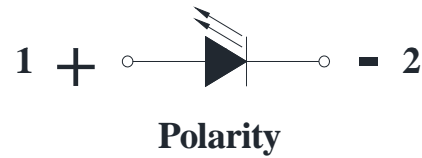
3.20mm×1.60mm×1.10mm With Inner Lens Single Color White Chip LED

Polarity

S35EW-W2-1CE	InGaN	Cool White	x=0.31	y=0.32	Yellow Diffused	3.20	3.60	20	200	450	120
--------------	-------	------------	--------	--------	-----------------	------	------	----	-----	-----	-----

3.20mm×2.40mm×2.50mm 1.80mm Round Subminiature Single Color White Chip LED

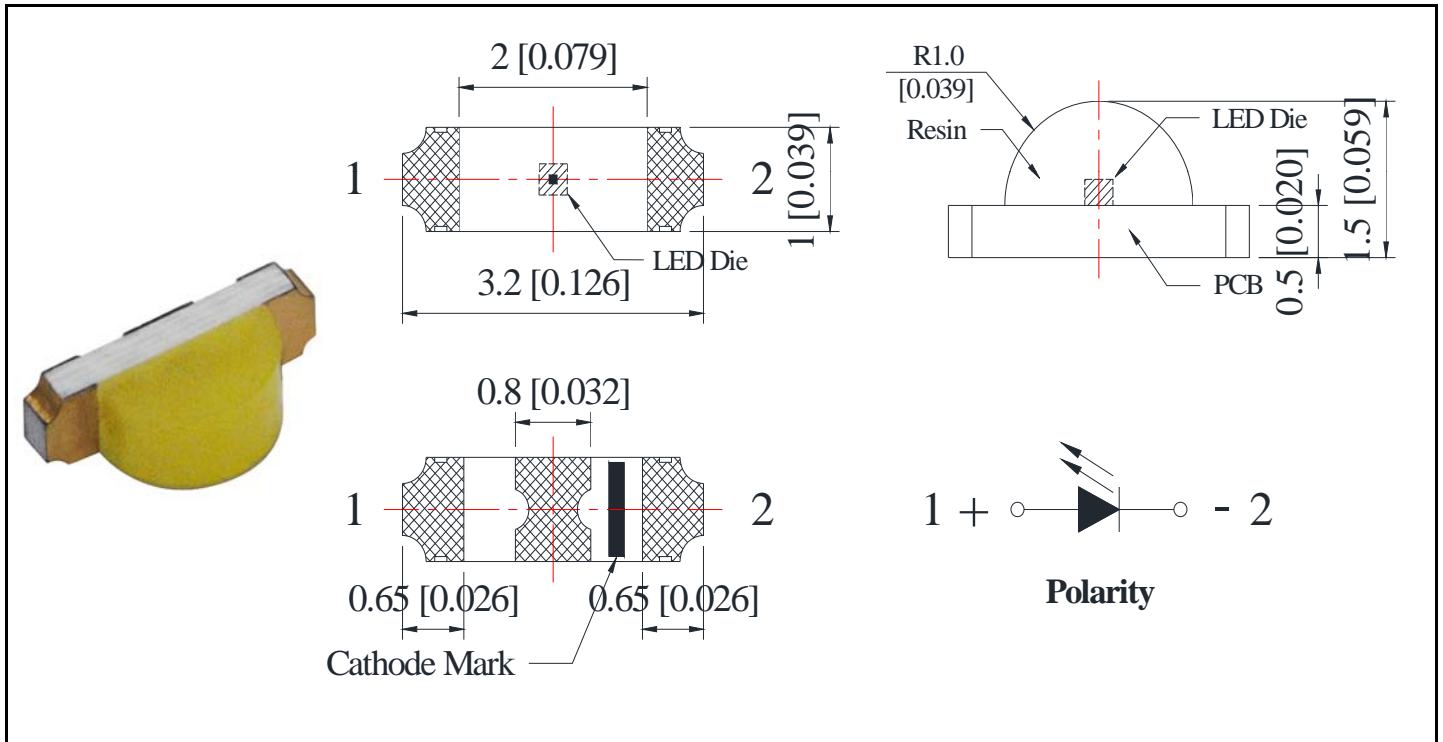






Polarity

SR180W-W2-1C	InGaN	Cool White	x=0.31	y=0.32	Yellow Diffused	3.20	3.60	20	150	250	160
--------------	-------	------------	--------	--------	-----------------	------	------	----	-----	-----	-----

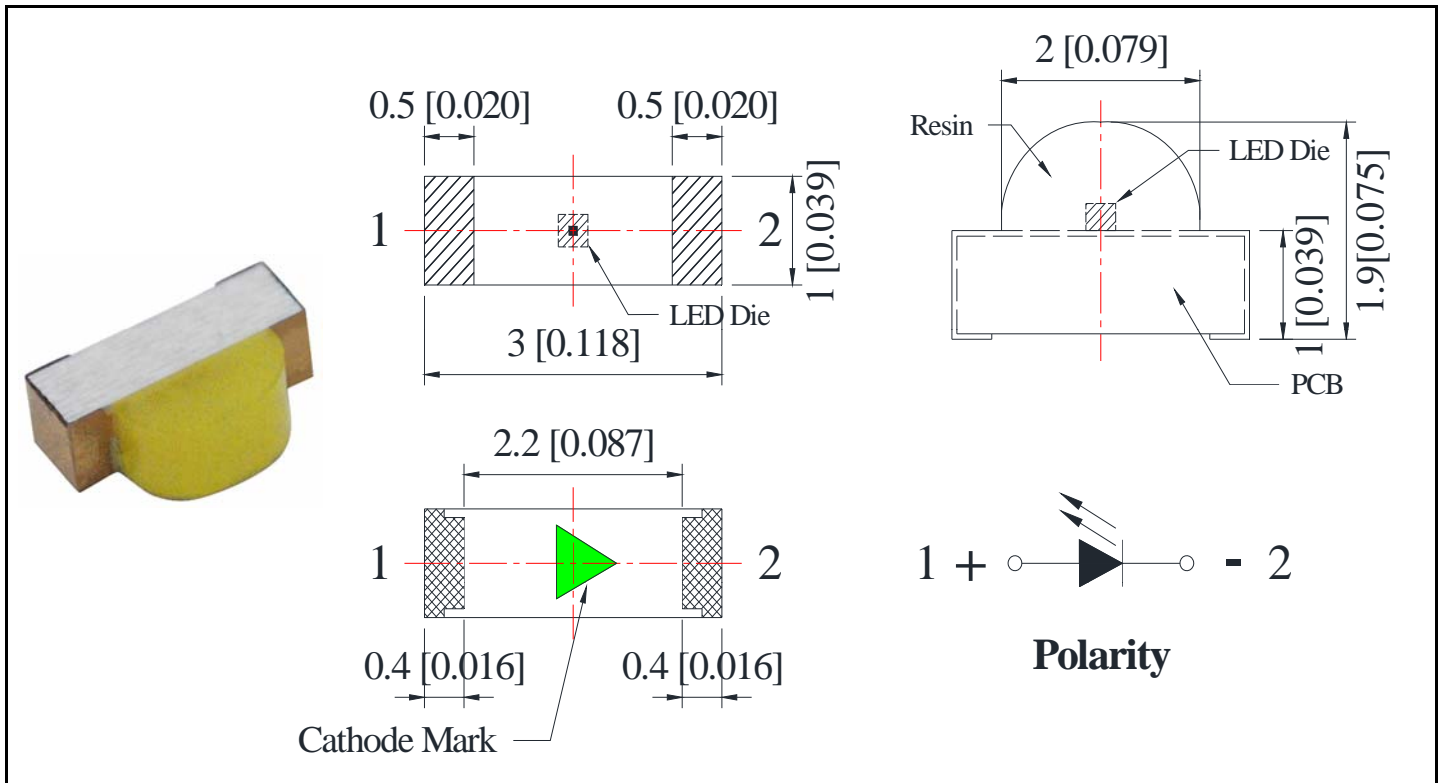
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

3.20mm×1.00mm×1.50mm With Right Lens Single Color White Chip LED



S110W-W2-1CS	InGaN	Cool White	x=0.30	y=0.30	Yellow Diffused	3.20	3.60	20	500	800	120
--------------	-------	------------	--------	--------	-----------------	------	------	----	-----	-----	-----


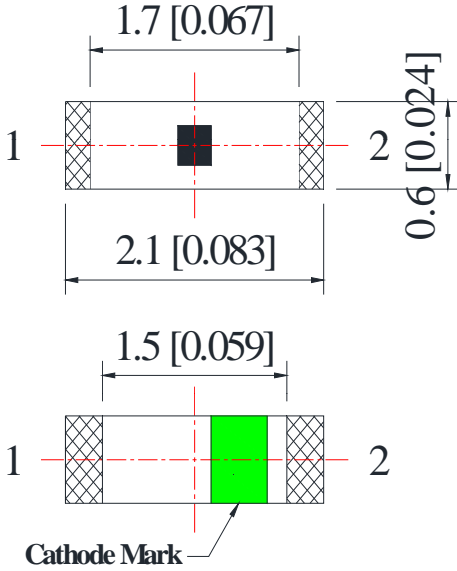
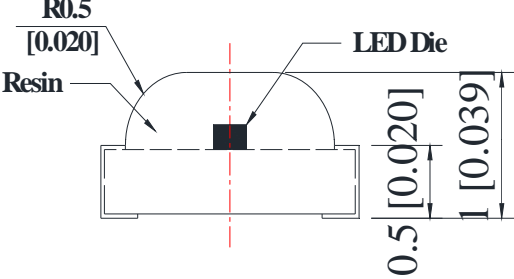
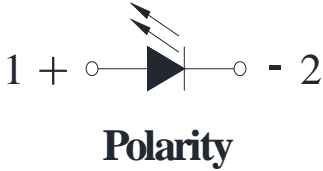
3.00mm×1.00mm×1.9mm With Right Lens Single Color White Chip LED



S11PW-W2-1CC	InGaN	Cool White	x=0.295	y=0.280	Yellow Diffused	3.20	3.60	20	400	550	120
--------------	-------	------------	---------	---------	-----------------	------	------	----	-----	-----	-----


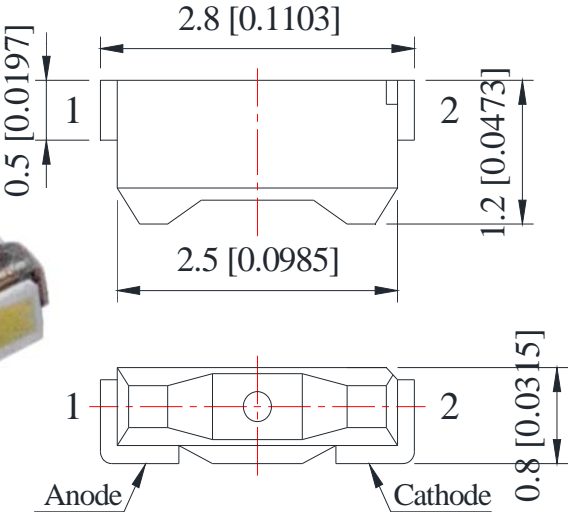
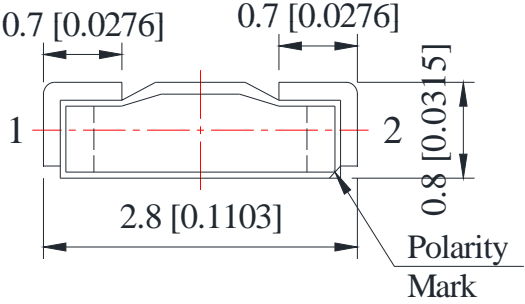

Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

2.10mm×0.60mm×1.00mm With Right Lens Single Color White Chip LED

S11FW-W2-1CC	InGaN	Cool White	x=0.26	y=0.24	Yellow Diffused	3.20	3.60	20	400	500	130
--------------	-------	------------	--------	--------	-----------------	------	------	----	-----	-----	-----

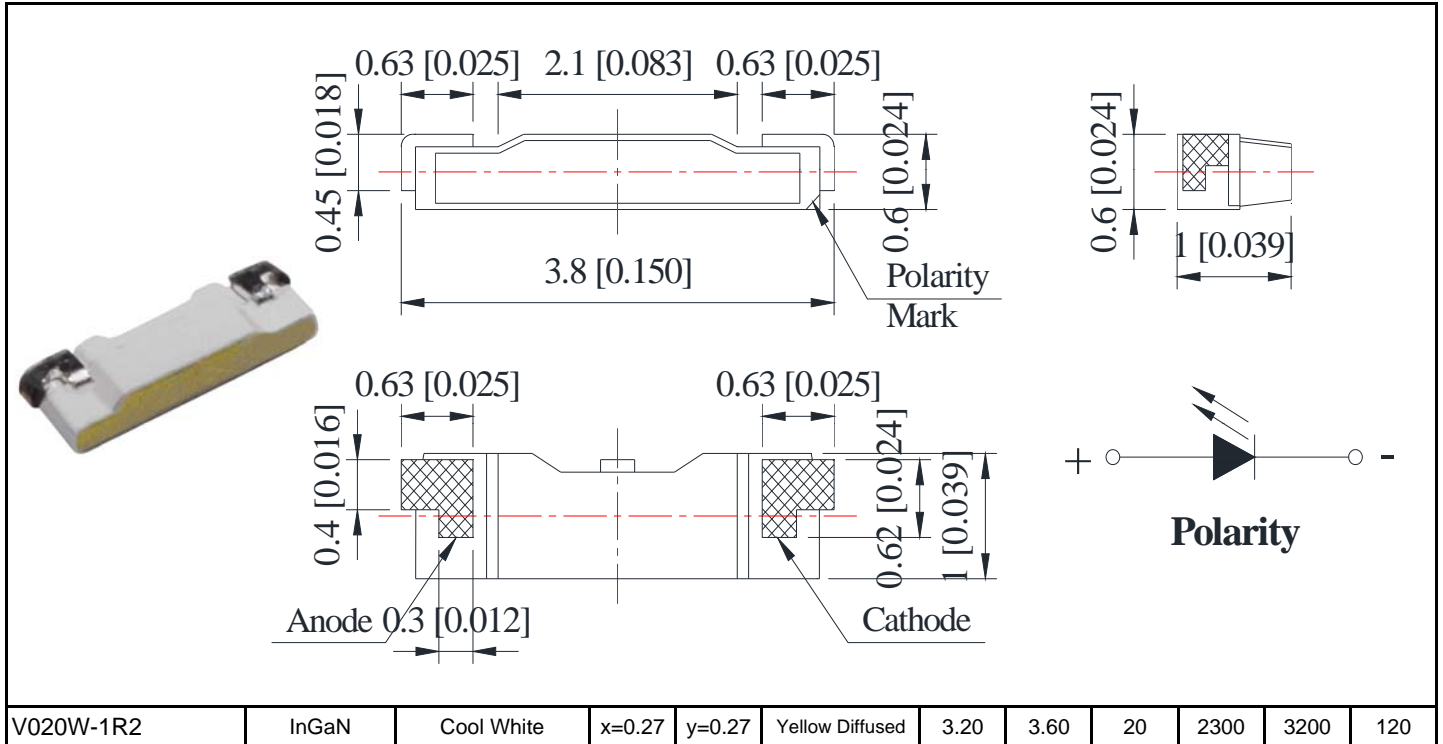
2.80mm×1.20mm×0.80mm PLCC-2 Side View Single Color White LED

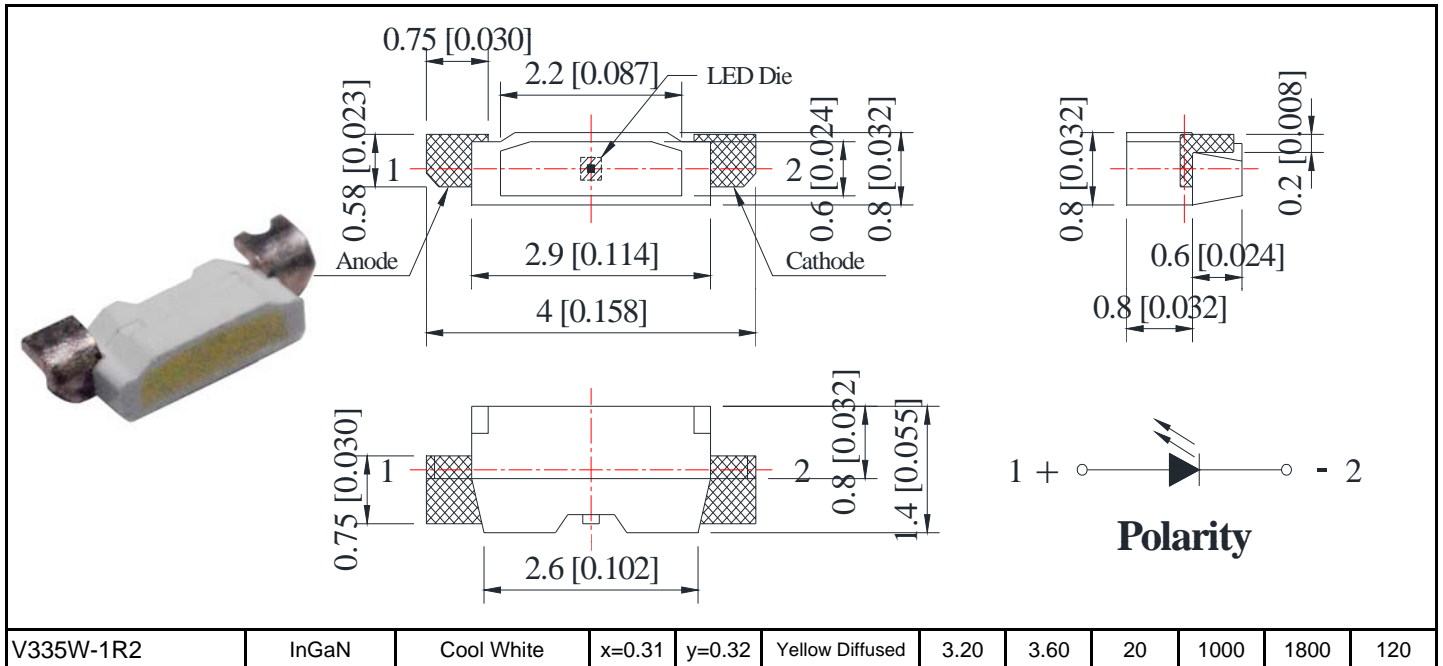
V213W-W2-1C-Y	InGaN	Cool White	x=0.30	y=0.30	Yellow Diffused	3.20	3.60	20	1200	1600	120
---------------	-------	------------	--------	--------	-----------------	------	------	----	------	------	-----

Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

3.80mm×1.00mm×0.60mm PLCC-2 Side View Single Color White LED

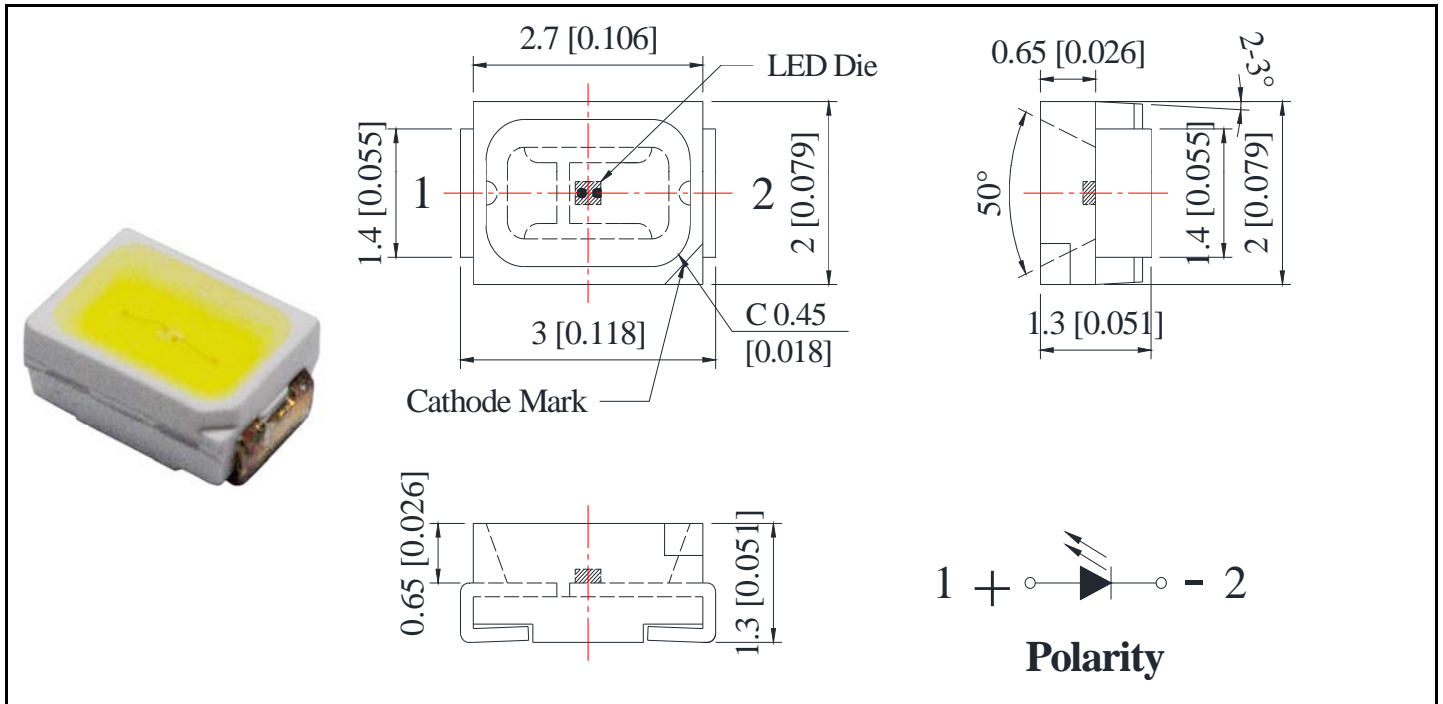


4.00mm×1.40mm×0.80mm PLCC-2 Side View Single Color White LED



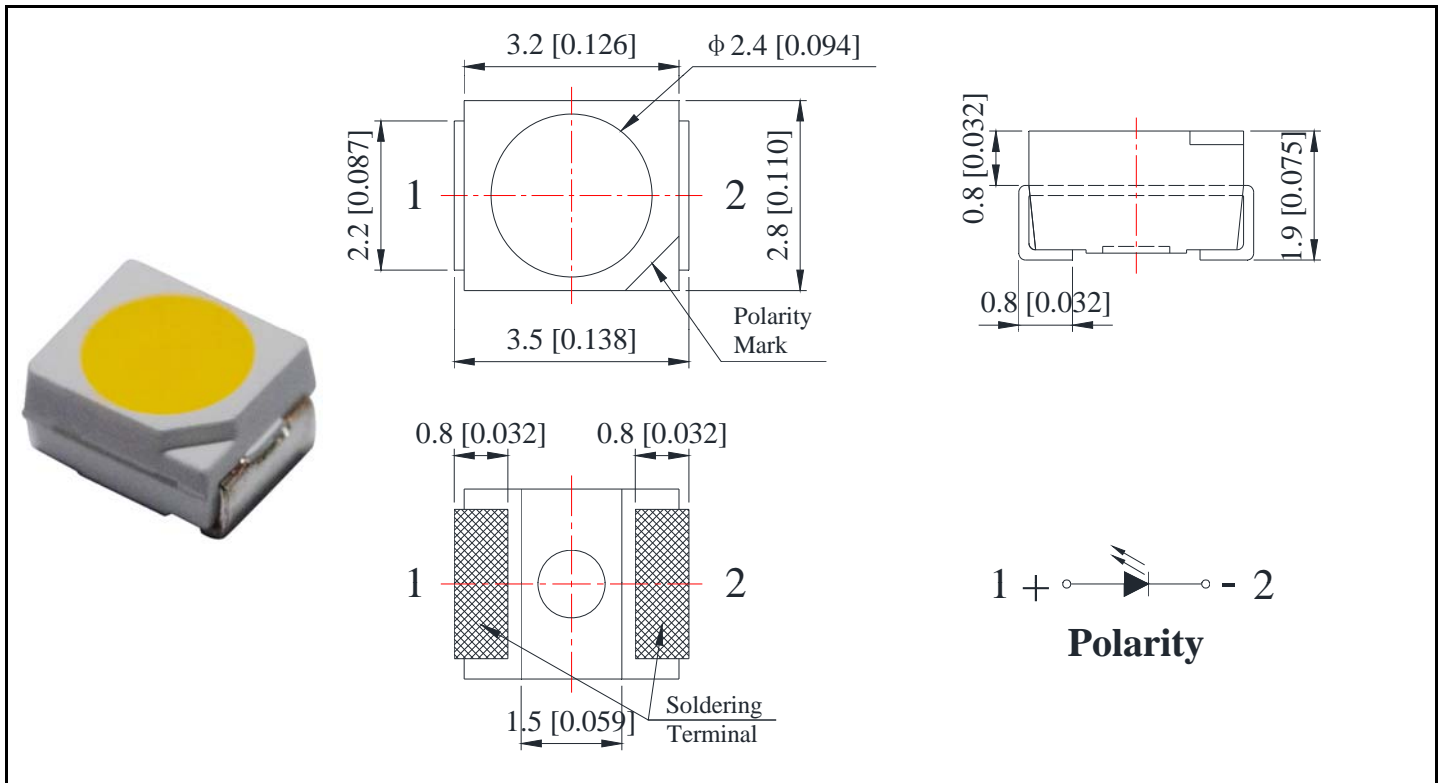
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2θ 1/2

3.00mm×2.00mm×1.30mm PLCC-2 Top View Single Color White LED



R3020W-W2-1F	InGaN	Cool White	x=0.31	y=0.32	Yellow Diffused	3.20	3.60	20	1800	2300	130
R3020W-W6-1F	InGaN	Warm White	x=0.43	y=0.40		3.20	3.60		1800	2100	

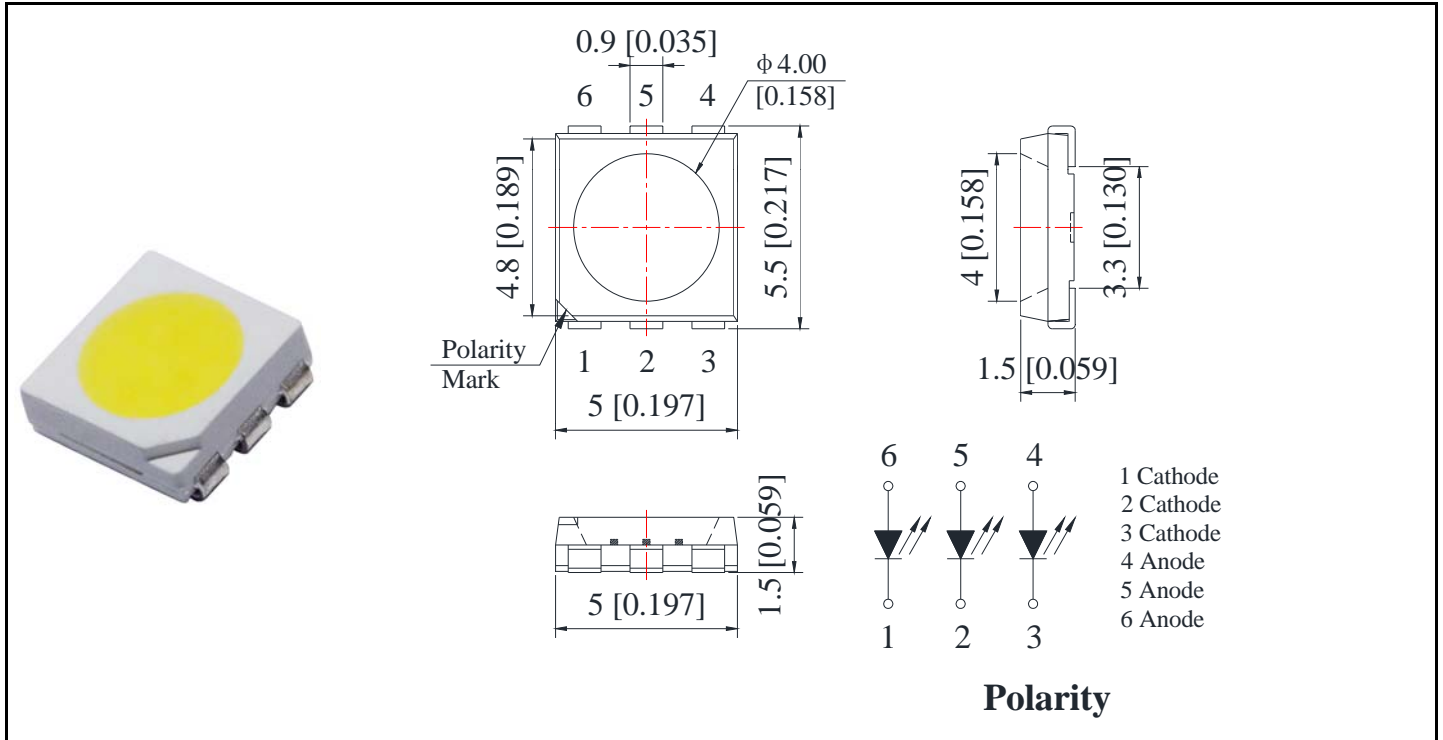
3.50mm×2.80mm×1.90mm PLCC-2 Top View Single Color White LED



R3528W-W2-1F	InGaN	Cool White	x=0.31	y=0.32	Yellow Diffused	3.20	3.60	20	2000	2500	120
R3528W-W6-1F	InGaN	Warm White	x=0.43	y=0.40		3.20	3.60		2000	2300	

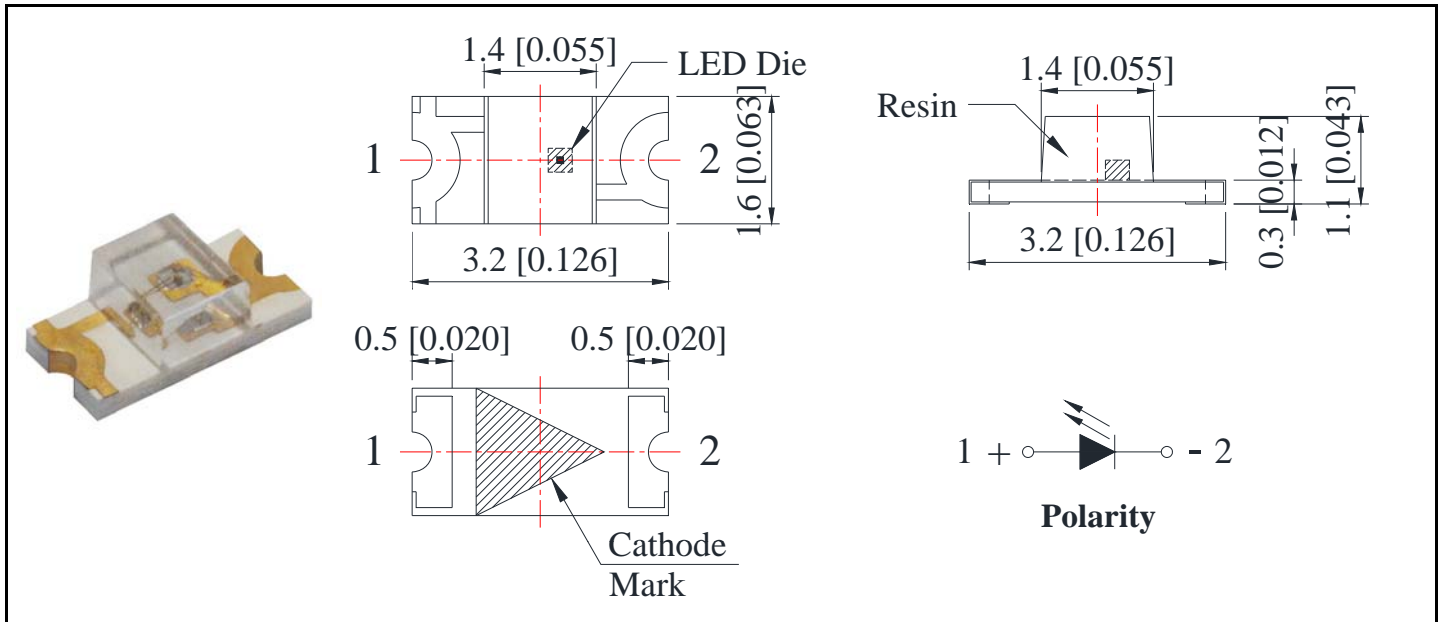
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

5.00mmx5.50mmx1.50mm PLCC-6 Top View Single Color White LED



R5050W-W2-3A	InGaN	Cool White	x=0.31	y=0.32	Yellow Diffused	3.20	3.60	20x3	5800	6500	120
R5050W-W6-3A	InGaN	Warm White	x=0.43	y=0.40		3.20	3.60		5800	6300	

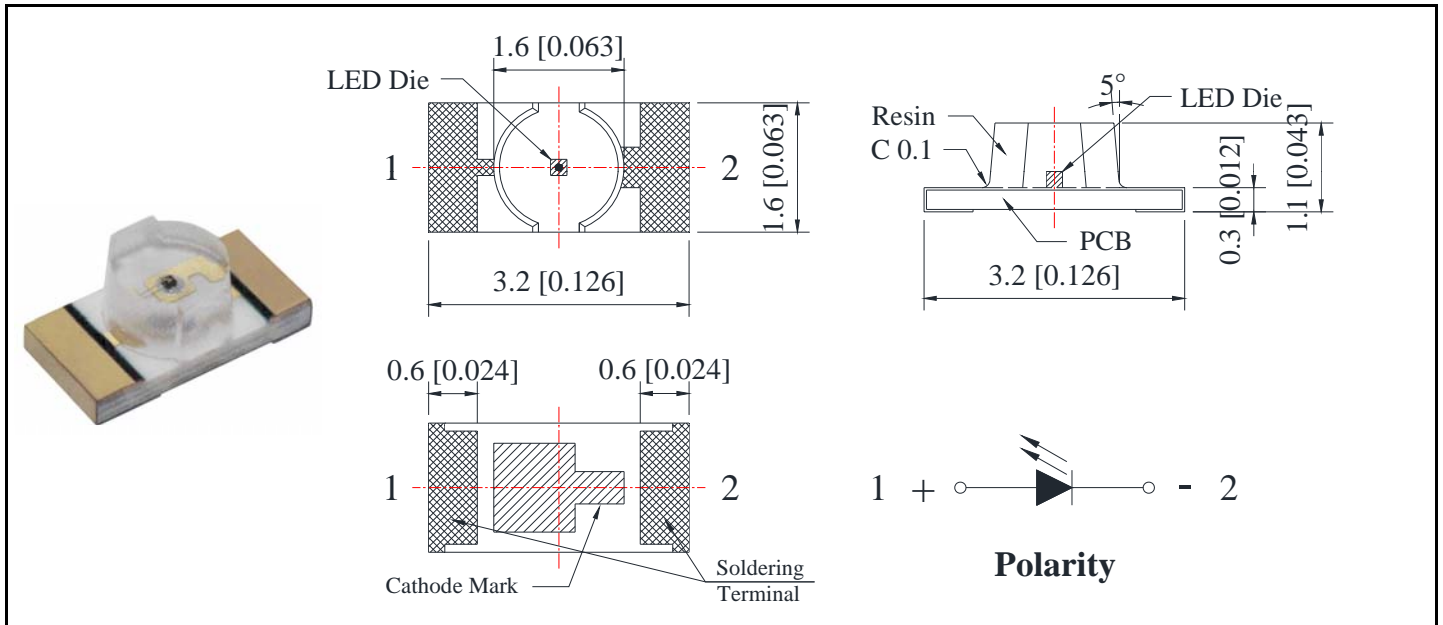
3.20mmx1.60mmx1.10mm Reverse Package Single Color Chip LED



S15AVC-2BE	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	25	60	130
S15AYC-2BE	AlGaInP	Super Bright Yellow	592	590		2.00	2.40		25	60	
S15AGC-2BE	AlGaInP	Yellow Green	575	573		2.00	2.40		15	30	
S15APGC-G5-1BE	InGaN	Pure Green	520	525		3.20	3.60		100	250	
S15ABC-B4-1BE	InGaN	Blue	468	470		3.20	3.60		25	50	

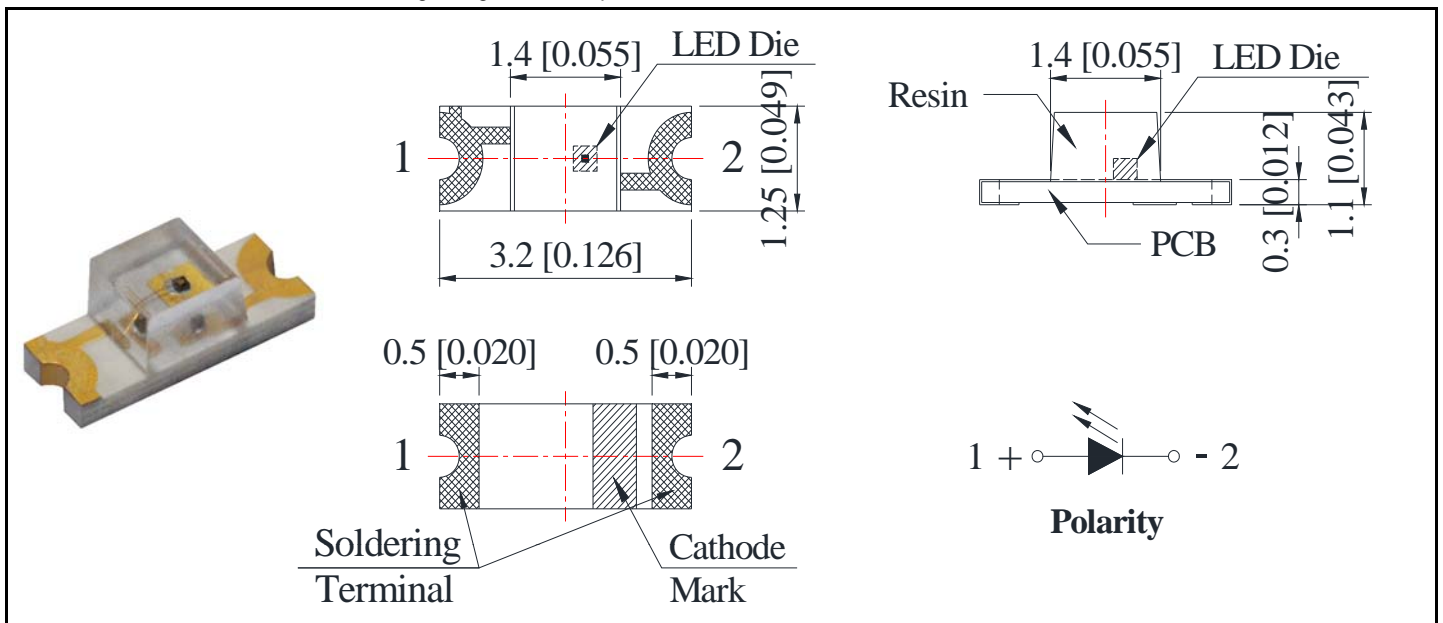
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2θ 1/2

3.20mm×1.60mm×1.10mm Reverse Package Single Color Chip LED



S15BVC-2BE	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	25	60	130
S15BYC-2BE	AlGaInP	Super Bright Yellow	592	590		2.00	2.40		25	60	
S15BGC-2BE	AlGaInP	Yellow Green	575	573		2.00	2.40		15	30	
S15BPGC-G5-1BE	InGaN	Pure Green	520	525		3.20	3.60		100	250	
S15BBC-B4-1BE	InGaN	Blue	468	470		3.20	3.60		25	50	

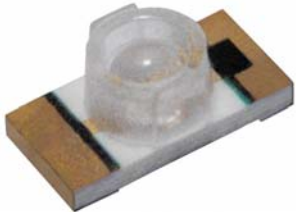
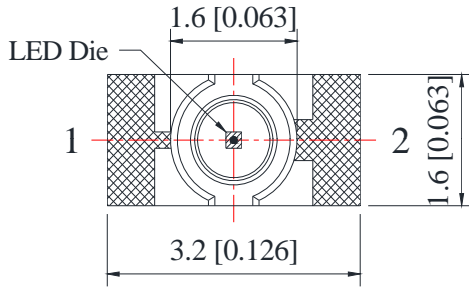
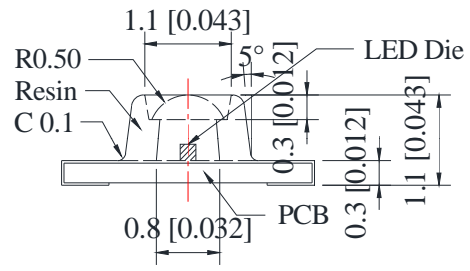
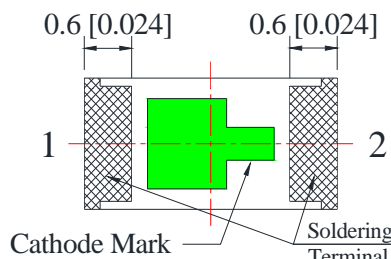
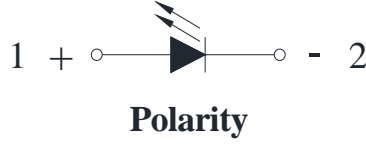
3.20mm×1.25mm×1.10mm Reverse Package Single Color Chip LED



S15CVC-2BE	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	25	60	130
S15CYC-2BE	AlGaInP	Super Bright Yellow	592	590		2.00	2.40		25	60	
S15CGC-2BE	AlGaInP	Yellow Green	575	573		2.00	2.40		15	30	
S15CPGC-G5-1BE	InGaN	Pure Green	520	525		3.20	3.60		100	250	
S15CBC-B4-1BE	InGaN	Blue	468	470		3.20	3.60		25	50	

Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd) / Φ_V (lm)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2


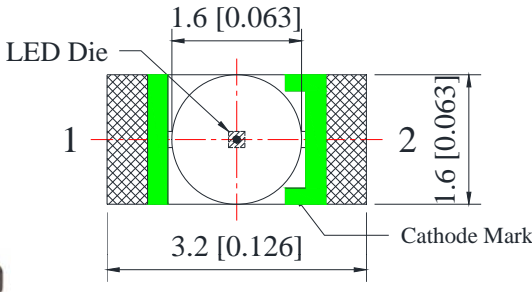
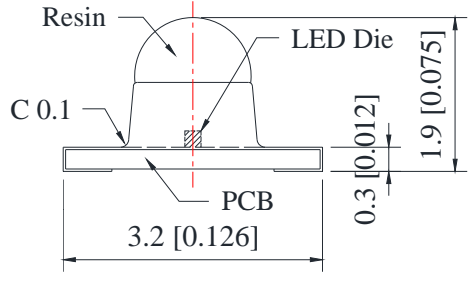
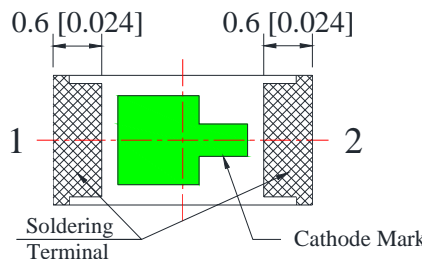
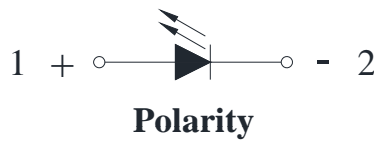
3.20mmx1.60mmx1.10mm With Inner Lens Single Color Chip LED

Polarity

S35EVC-2BE	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	100	200	60
S35EYC-2BE	AlGaInP	Super Bright Yellow	592	590		2.00	2.40		100	200	
S35EGC-2BE	AlGaInP	Yellow Green	575	573		2.00	2.40		40	80	
S35EPGC-G5-1BE	InGaN	Pure Green	520	525		3.20	3.60		300	600	
S35EBC-B4-1BE	InGaN	Blue	468	470		3.20	3.60		80	120	

3.20mmx1.60mmx1.90mm 1.60mm Round Subminiature Reverse Package Single Color Chip LED

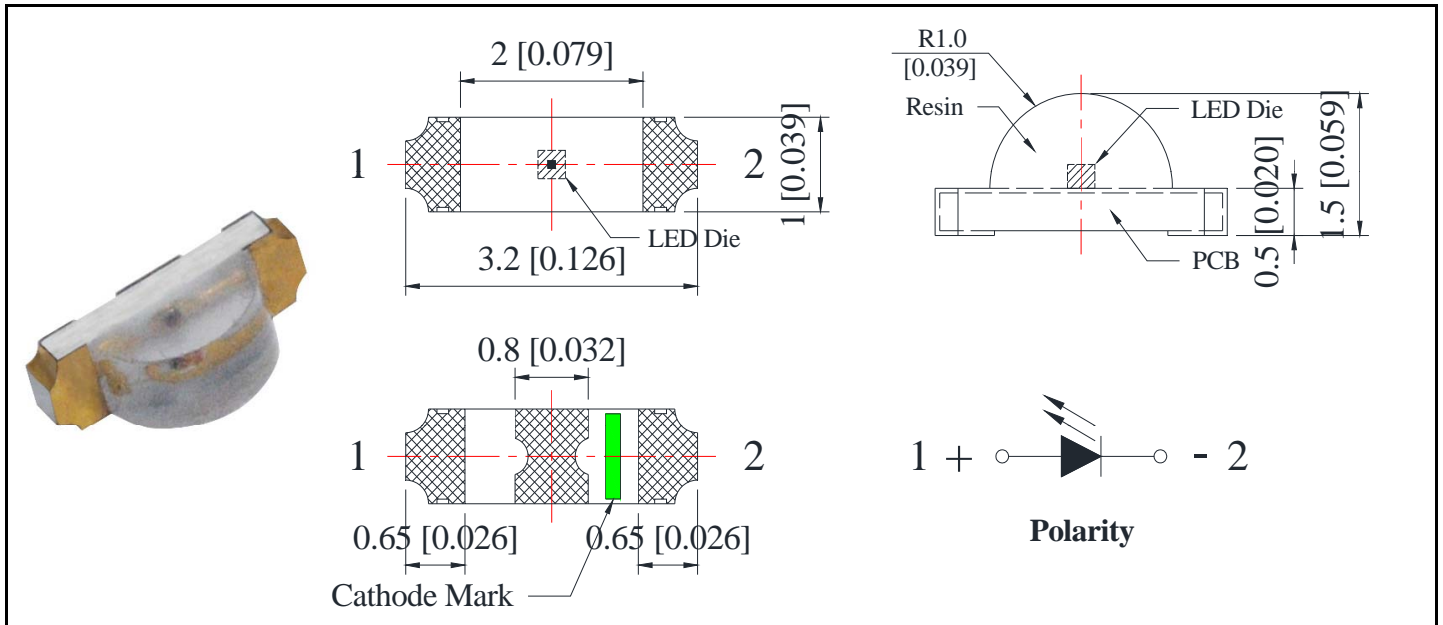






Polarity

SR160VC-2BE	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	400	650	30
SR160AC-2BE	AlGaInP	Super Bright Orange	610	605		2.00	2.40		750	1000	
SR160YC-2BE	AlGaInP	Super Bright Yellow	592	590		2.00	2.40		350	700	
SR160GC-2BE	AlGaInP	Yellow Green	575	573		2.00	2.40		250	350	
SR160PGC-G5-1BE	InGaN	Pure Green	520	525		3.20	3.60		1000	1500	
SR160BC-B4-1BE	InGaN	Blue	468	470	3.20	3.60	500	750			

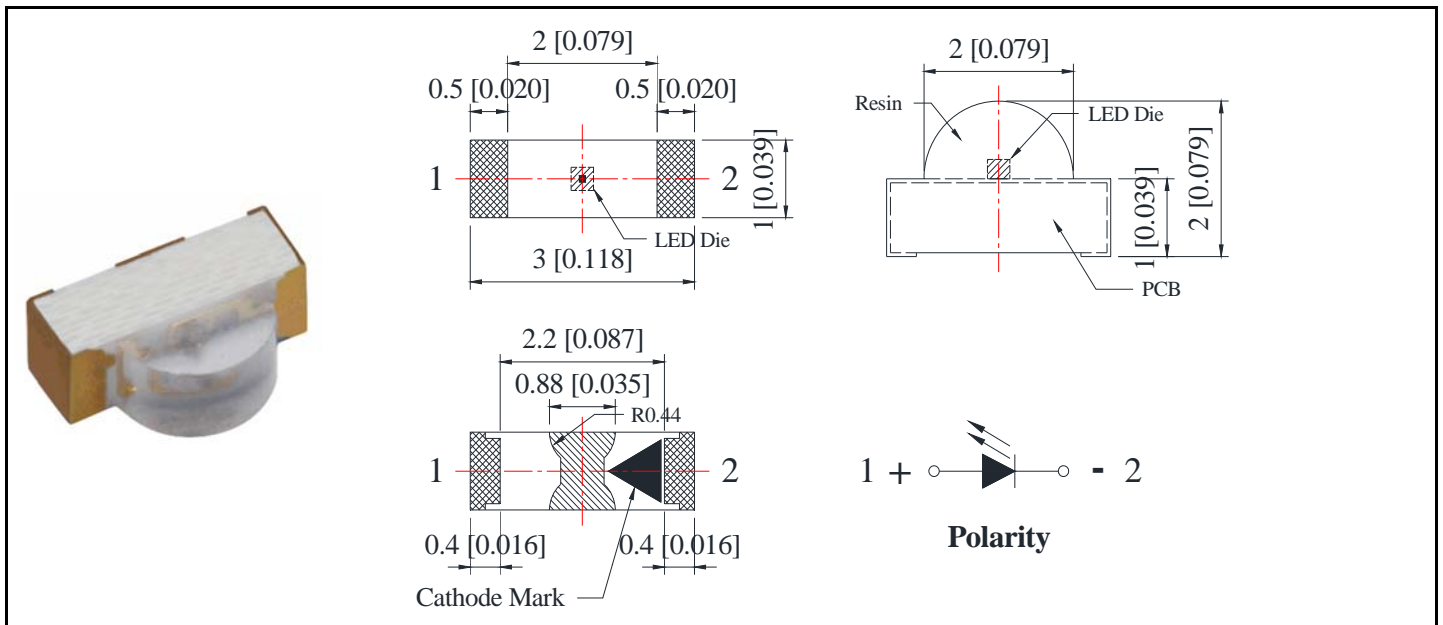
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd) / Φ_V (lm)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

3.20mm×1.00mm×1.50mm With Right Lens Single Color Chip LED



S110VC-2BS	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	100	150	120
S110YC-2BS	AlGaInP	Super Bright Yellow	592	590		2.00	2.40		100	150	
S110GC-2BS	AlGaInP	Yellow Green	575	573		2.00	2.40		20	45	
S110PGC-G5-1BS	InGaN	Pure Green	520	525		3.20	3.60		300	600	
S110BC-B4-1BS	InGaN	Blue	468	470		3.20	3.60		80	120	

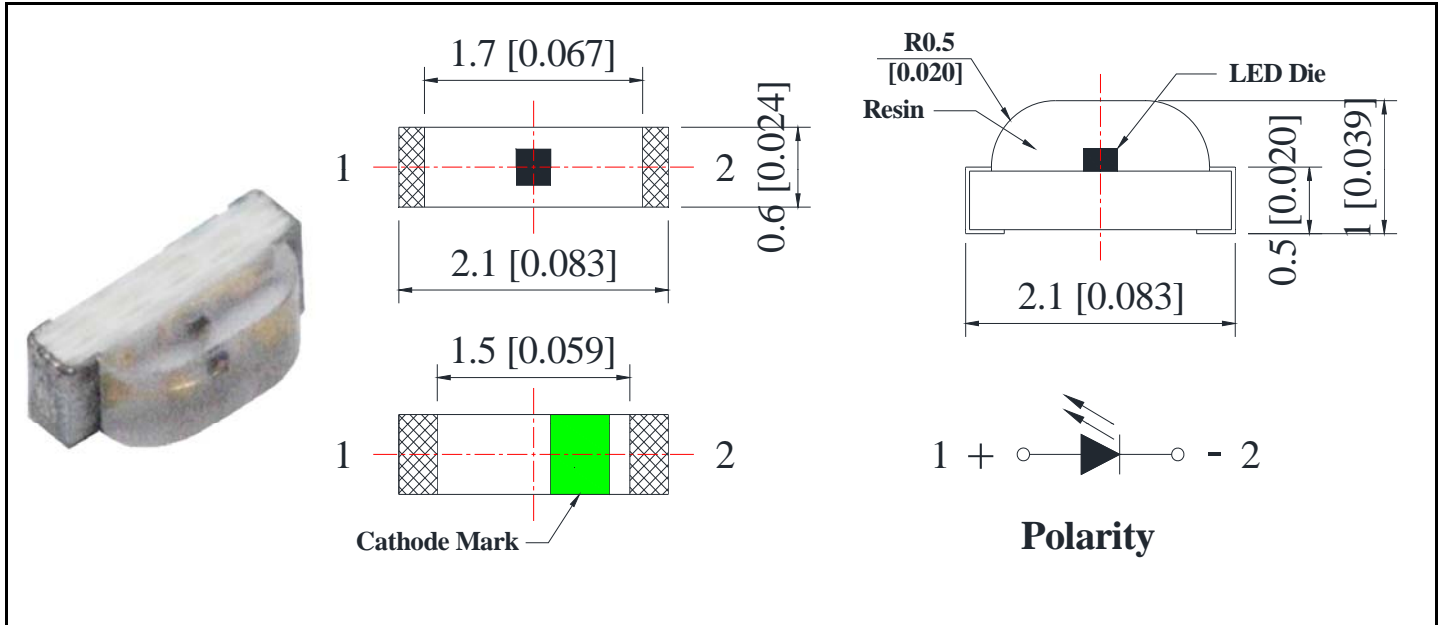
3.00mm×1.00mm×2.00mm With Right Lens Single Color Chip LED



S11PVC-2BE	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	50	100	120
S11PAC-2AE	AlGaInP	Super Bright Orange	610	605		2.00	2.40		90	150	
S11PYC-2BE	AlGaInP	Super Bright Yellow	592	590		2.00	2.40		60	120	
S11PGC-2BE	AlGaInP	Yellow Green	575	573		2.00	2.40		25	40	
S11PPGC-G5-1BE	InGaN	Pure Green	520	525		3.20	3.60		100	250	
S11PBC-B4-1BE	InGaN	Blue	468	470		3.20	3.60		40	80	

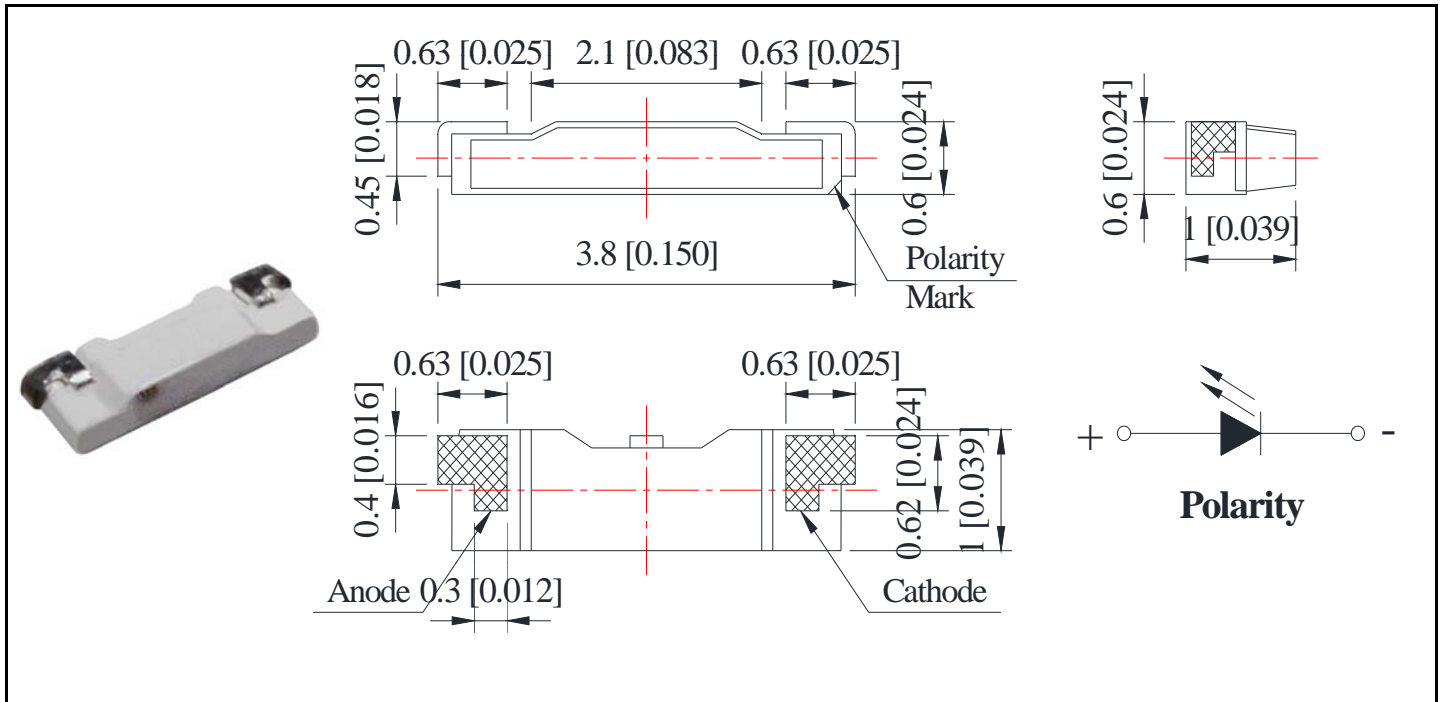
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2θ 1/2

2.10mm×0.60mm×1.00mm With Right Lens Single Color Chip LED



S11FVC-2BJ	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	80	120	130
S11FYC-2BJ	AlGaInP	Super Bright Yellow	592	590		2.00	2.40		80	120	
S11FGC-2BJ	AlGaInP	Yellow Green	575	573		2.00	2.40		15	30	
S11FPGC-G5-1BJ	InGaN	Pure Green	520	525		3.20	3.60		350	500	
S11FBC-B4-1BJ	InGaN	Blue	468	470		3.20	3.60		100	160	

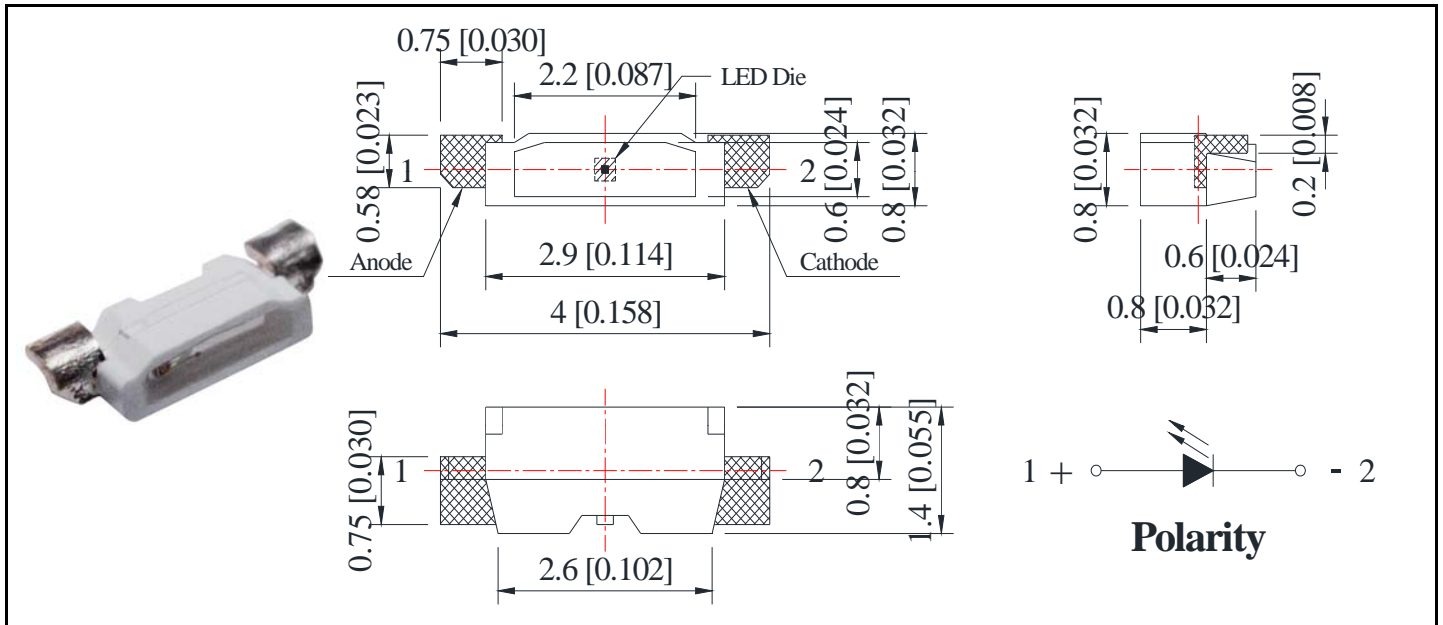
3.80mm×1.00mm×0.60mm PLCC-2 Side View Single Color LED



V020V-4R	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	300	500	120
V020Y-4R	AlGaInP	Super Bright Yellow	592	590		2.00	2.40		400	550	
V020PG-1R5	InGaN	Pure Green	520	525		3.20	3.60		1000	1800	
V020B-1R4	InGaN	Blue	468	470		3.20	3.60		200	450	

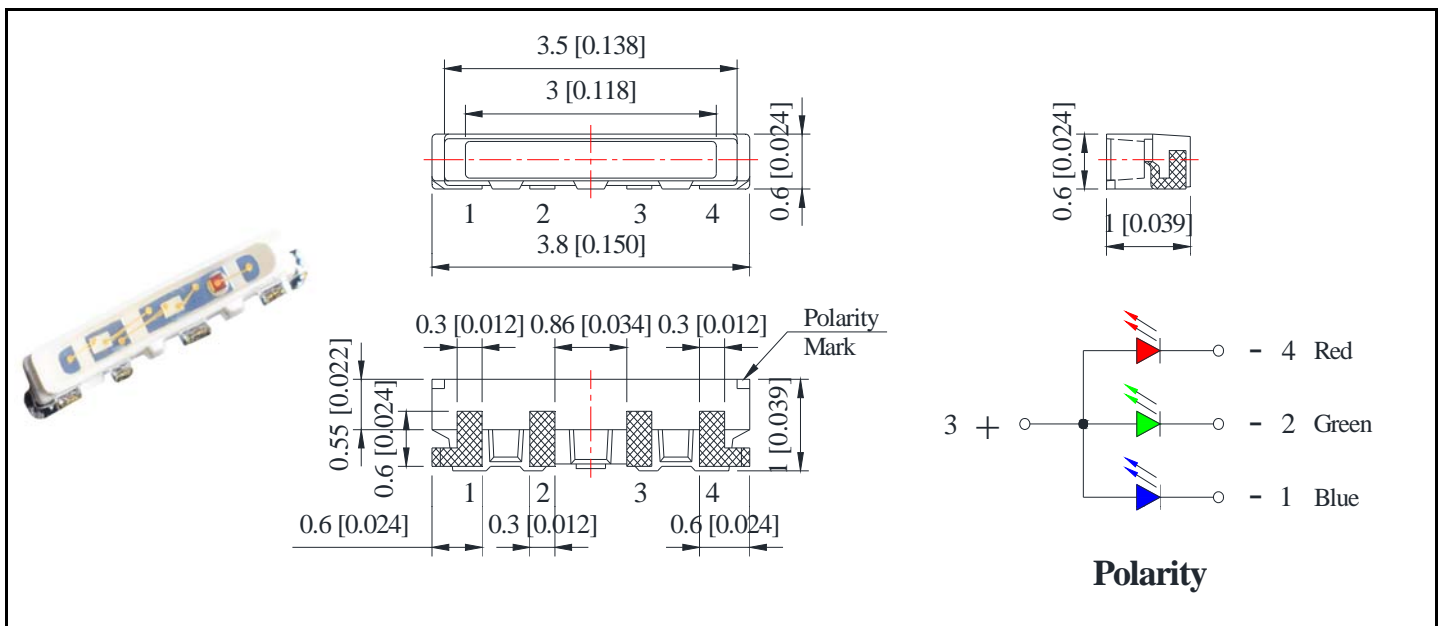
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2θ 1/2

4.00mm×1.40mm×0.80mm PLCC-2 Side View Single Color LED



V335V-4R	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	300	500	120
V335A-4R	AlGaInP	Super Bright Orange	610	605		2.00	2.40		300	500	
V335Y-4R	AlGaInP	Super Bright Yellow	592	590		2.00	2.40		400	550	
V335G-2R	AlGaInP	Yellow Green	573	571		2.00	2.40		40	70	
V335PG-1R5	InGaN	Pure Green	520	525		3.20	3.60		900	1300	
V335B-1R4	InGaN	Blue	468	470		3.20	3.60		150	300	

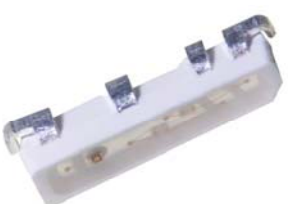
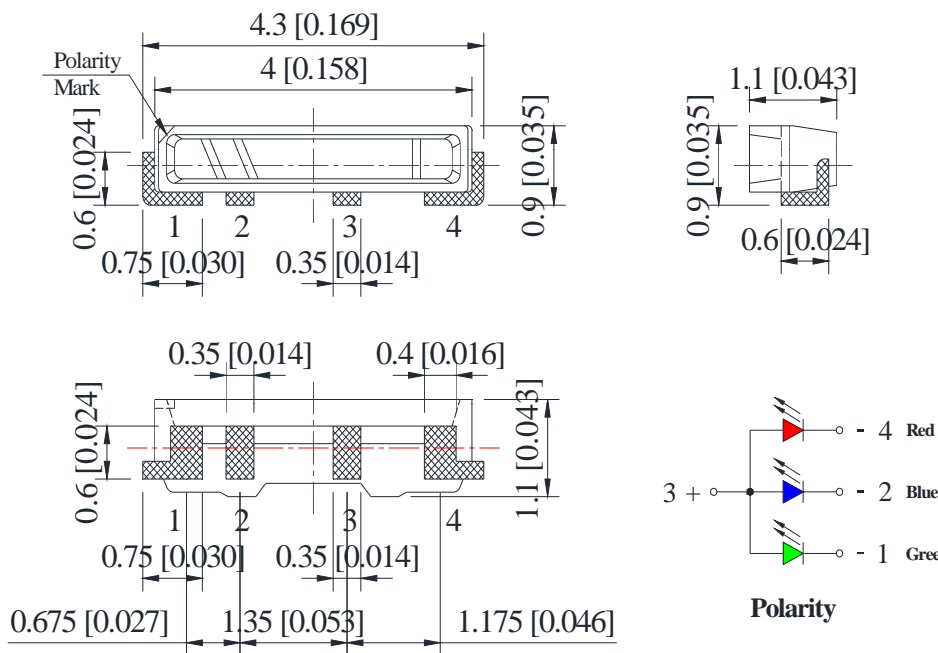
3.80mm×0.60mm×1.00mm PLCC-4 Side View Multi-Color LED



V3806RGBC-001	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	650	750	120
	InGaN	Pure Green	520	525		3.20	3.60		1300	1500	
	InGaN	Blue	468	470		3.20	3.60		350	450	


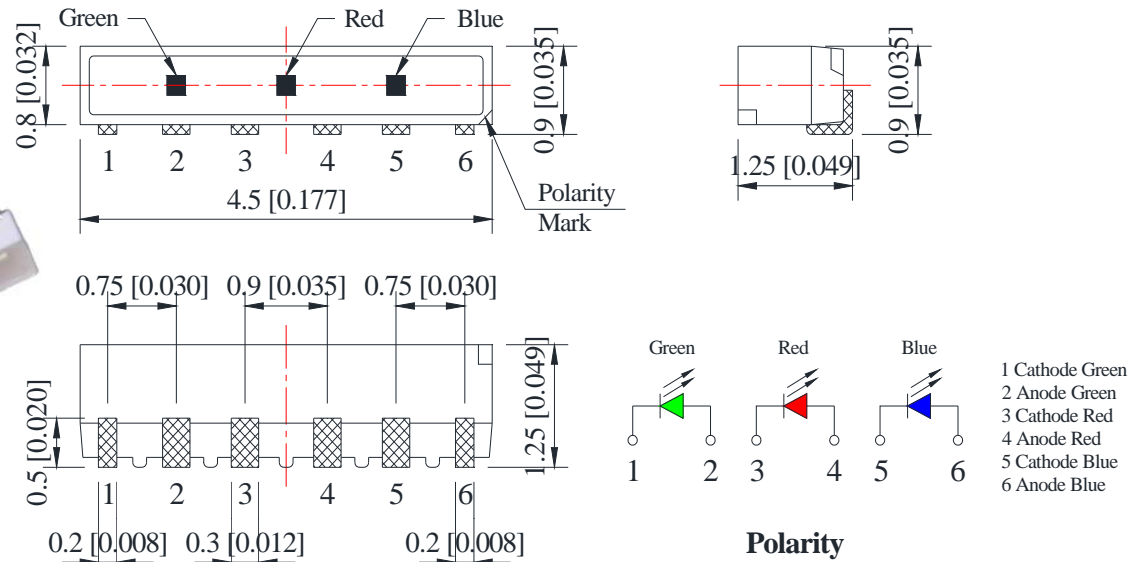
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd)			Viewing Angle
						Typ.	Max.	IF=1mA	Min.	Typ.	2θ 1/2

4.30mm×1.10mm×0.90mm PLCC-4 Side View Multi-Color LED

V4309RGBC-A-01M	AlGaInP	Super Bright Red	632	624	Water Clear	1.80	2.10	5	100	150	120
	InGaN	Pure Green	520	525		2.80	3.10		400	600	
	InGaN	Blue	468	470		2.80	3.10		80	150	

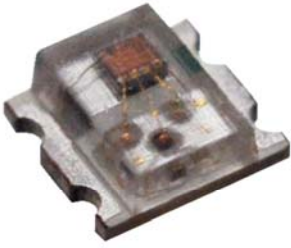
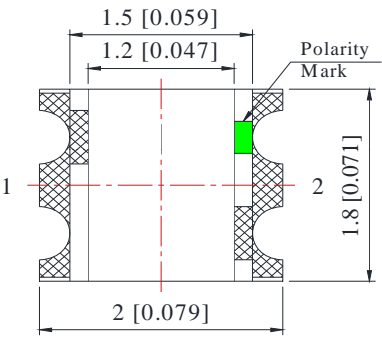
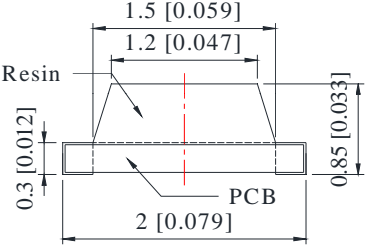
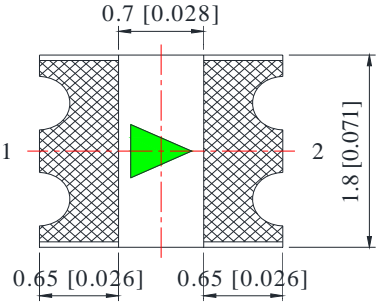
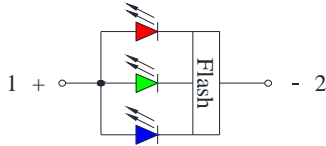
4.50mm×1.25mm×0.90mm PLCC-6 Side View Multi-Color LED


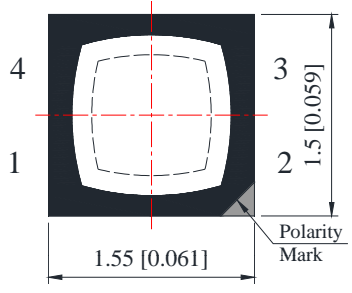
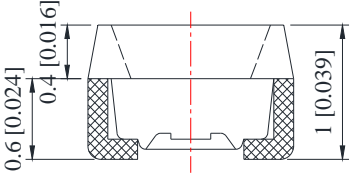
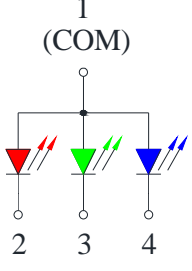
V4509RGBC-01M	AlGaInP	Super Bright Red	632	624	Water Clear	1.80	2.10	5	100	150	120
	InGaN	Pure Green	520	525		2.80	3.10		400	600	
	InGaN	Blue	468	470		2.80	3.10		80	150	

Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd) / Φ_V (lm)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

2.00mm×1.80mm×0.85mm (0807) Multi-Color Blinking Chip LED

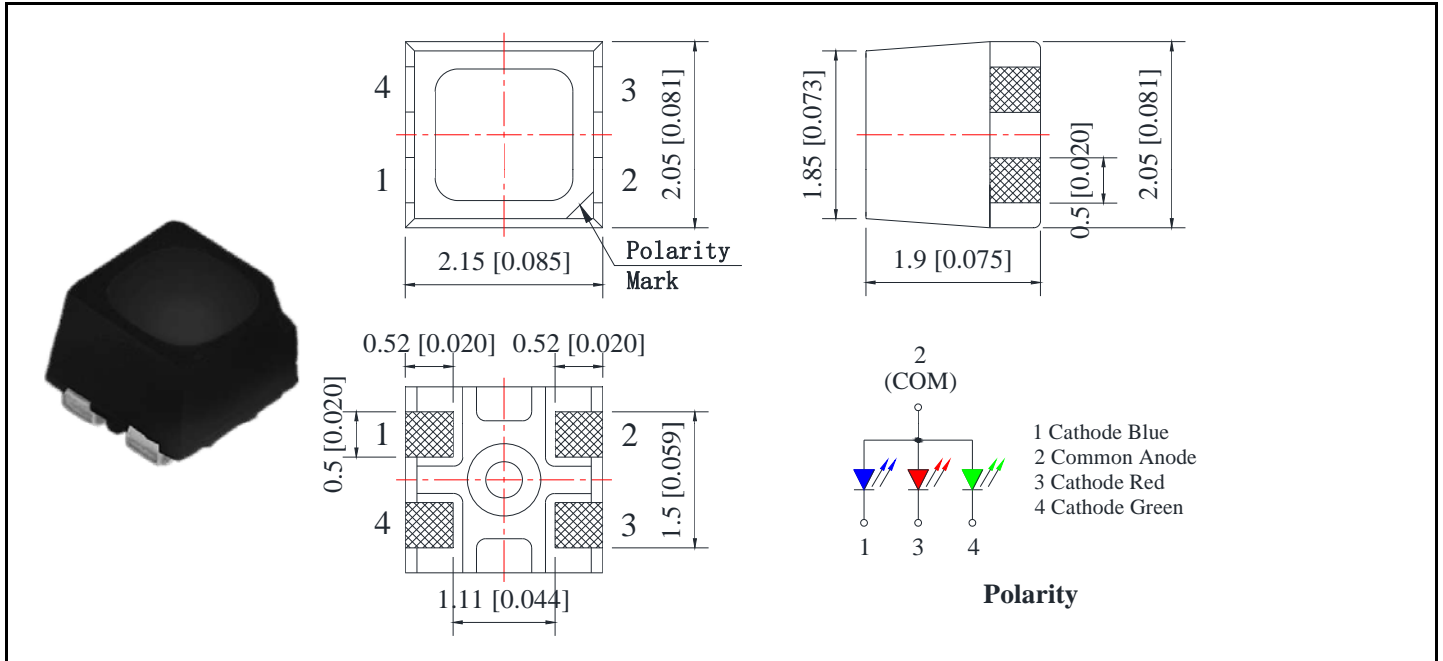
												
	FS197ERGBC-F2	AlGaInP	Super Bright Red	632	624	Water Clear	3.00	3.50	20	80	150	120
		InGaN	Pure Green	520	525					250	500	
	InGaN	Blue	468	470	150					200		

1.55mm×1.50mm×1.00mm PLCC-4 Top View Multi-Color LED

												
	R1515RGBM-008-AB-RS	AlGaInP	Super Bright Red	632	624	White Diffused	2.00	2.40	8	30	55	120
		InGaN	Pure Green	520	525		2.60	3.20	5	115	170	
	InGaN	Blue	468	470	2.60		3.20	3	12	17		

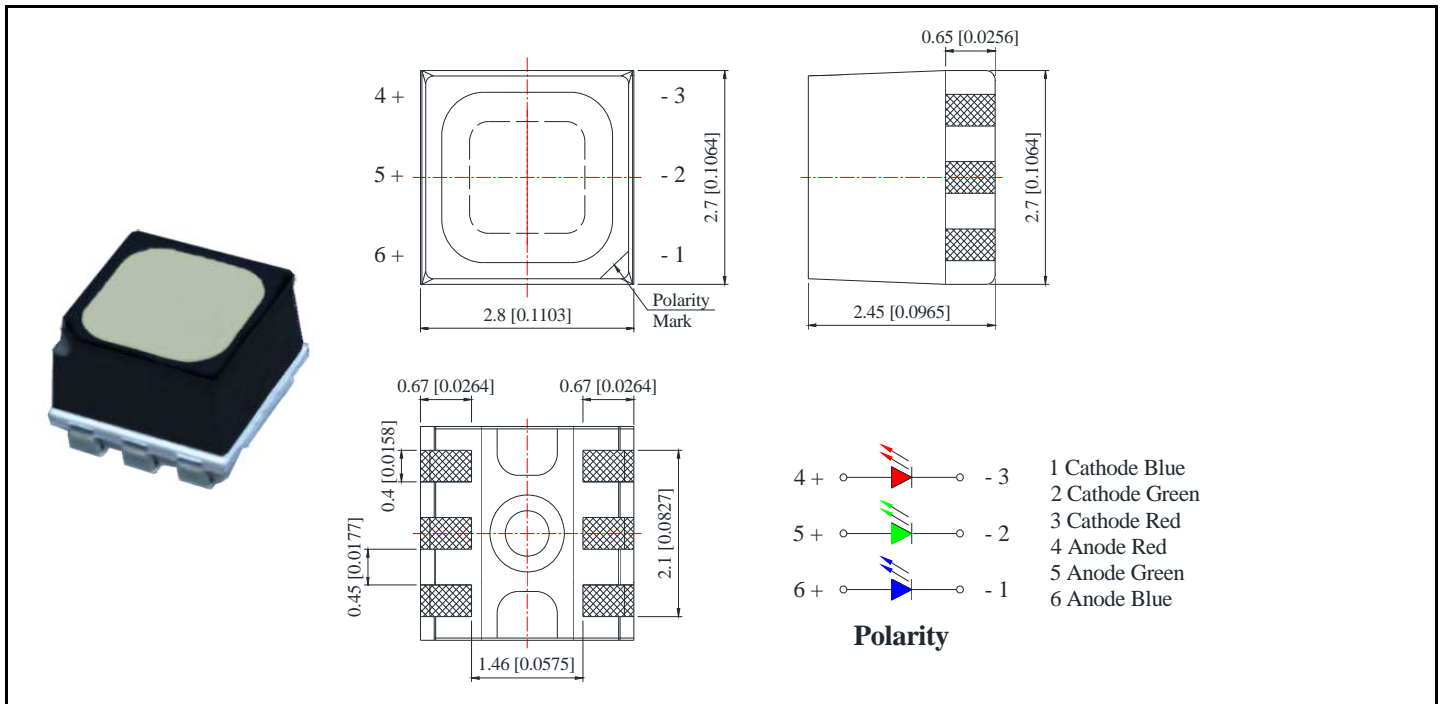
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd) / Φ_V (lm)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

2.15mmx2.05mmx1.90mm PLCC-4 Top View Multi-Color LED



R2121RGBM-001-AB-RS	AlGaInP	Super Bright Red	632	624	White Diffused	2.00	2.40	15	230	350	120
	InGaIn	Pure Green	520	525		2.70	3.30	8	350	500	
	InGaIn	Blue	468	470		2.70	3.30	5	35	52	


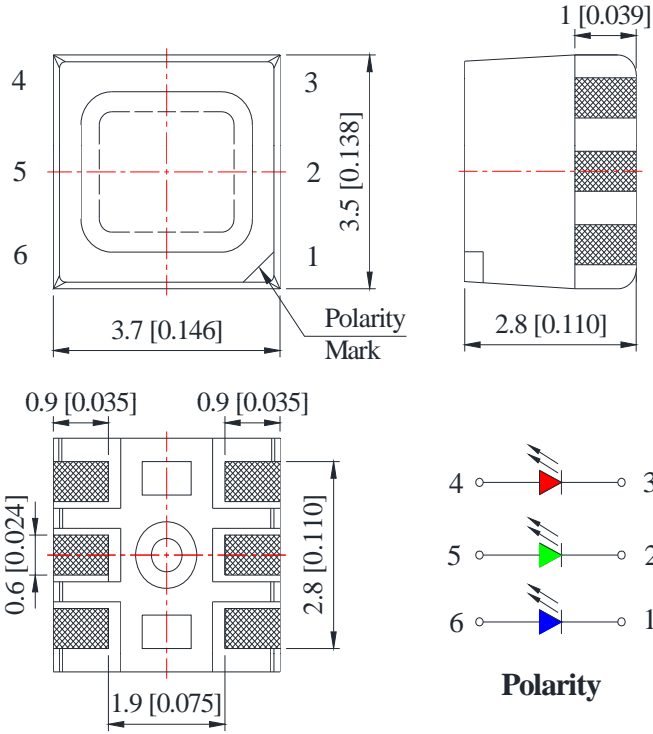
2.80mmx2.70mmx2.45mm PLCC-6 Top View Multi-Color LED



R2727RGBM-002-BRS	AlGaInP	Super Bright Red	632	624	White Diffused	2.00	2.40	20	600	860	120
	InGaIn	Pure Green	520	525		2.80	3.30	15	1300	1800	
	InGaIn	Blue	468	470		2.80	3.30	10	200	300	

Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd) / Φ_V (lm)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

3.70mm×3.50mm×2.80mm PLCC-6 Top View Multi-Color LED

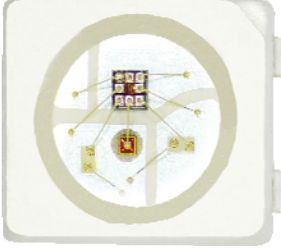
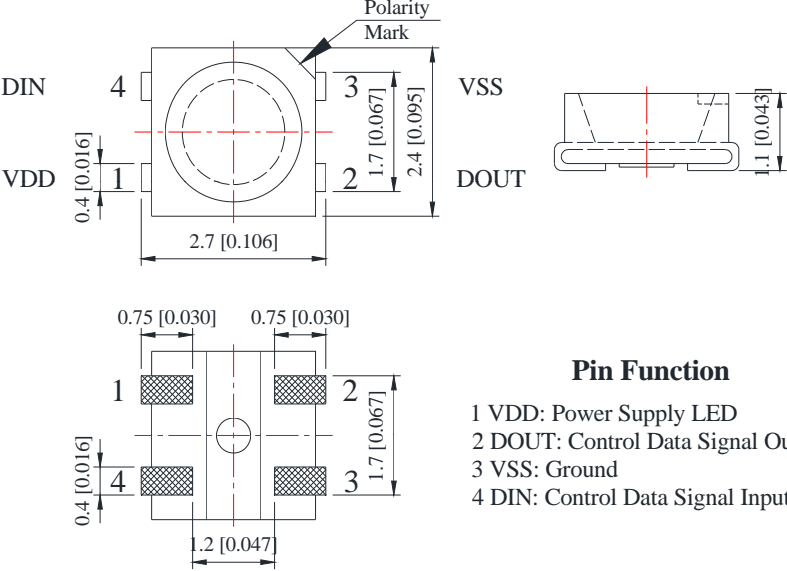
Dimensions:
 Top View: 3.7 [0.146] (width), 3.5 [0.138] (height), 0.9 [0.035] (pad width), 1.9 [0.075] (pad spacing), 0.6 [0.024] (pad height).
 Side View: 2.8 [0.110] (height), 1 [0.039] (top thickness).

Polarity Mark

Pin Function:
 1 Cathode Blue
 2 Cathode Green
 3 Cathode Red
 4 Anode Red
 5 Anode Green
 6 Anode Blue

R3535RGBM-002-BRS	AlGaInP	Super Bright Red	632	624	White Diffused	2.00	2.40	15	380	550	120
	InGaN	Pure Green	520	525		2.70	3.30	8	560	850	
	InGaN	Blue	468	470		2.70	3.30	5	80	115	

2.70mm×2.40mm×1.10mm PLCC-4 Top View Multi-Color Intelligent Control LED

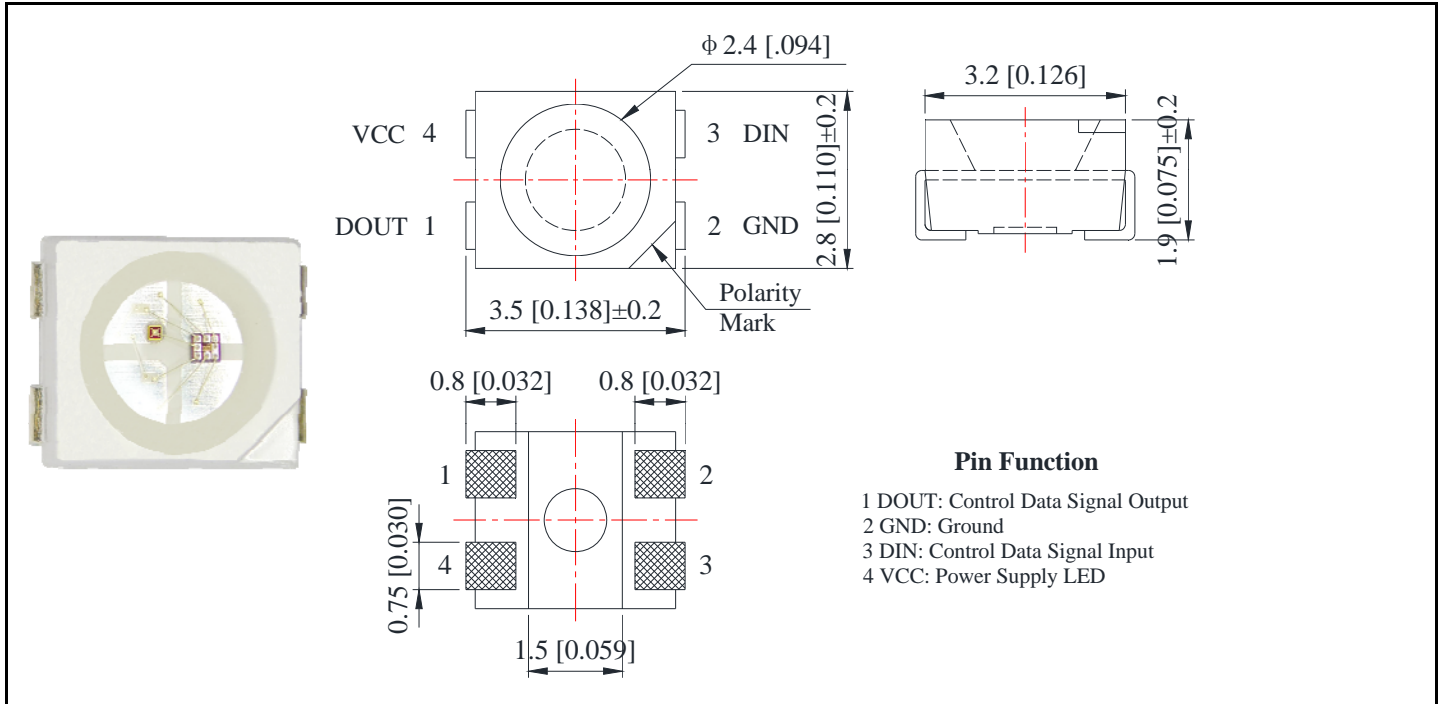
Dimensions:
 Top View: 2.7 [0.106] (width), 2.4 [0.095] (height), 0.75 [0.030] (pad width), 1.2 [0.047] (pad spacing), 0.4 [0.016] (pad height).
 Side View: 1.1 [0.043] (height).

Pin Function:
 1 VDD: Power Supply LED
 2 DOUT: Control Data Signal Output
 3 VSS: Ground
 4 DIN: Control Data Signal Input

FR2724RGB4C-F1T	AlGaInP	Super Bright Red	632	624	Water Clear	+ 3.50 ~ + 5.50	20	300	600	120
	InGaN	Pure Green	520	525				800	1500	
	InGaN	Blue	468	470				200	400	

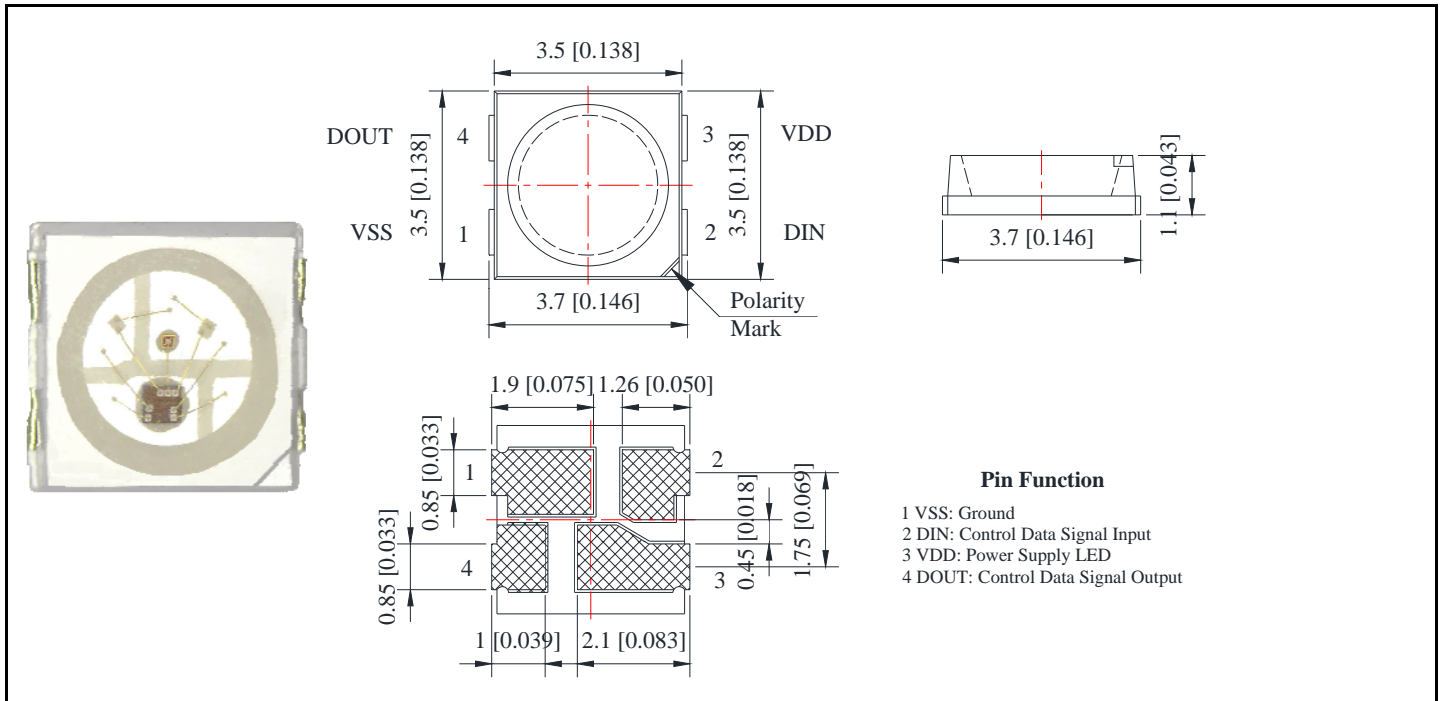
Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd) / Φ_V (lm)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

3.50mm×2.80mm×1.90mm PLCC-4 Top View Multi-Color Intelligent Control LED



FR3528RGB4C-F1T	AlGaInP	Super Bright Red	632	624	Water Clear	+ 3.50 ~ + 5.50	12	200	400	120
	InGaN	Pure Green	520	525				800	1200	
	InGaN	Blue	468	470				150	300	


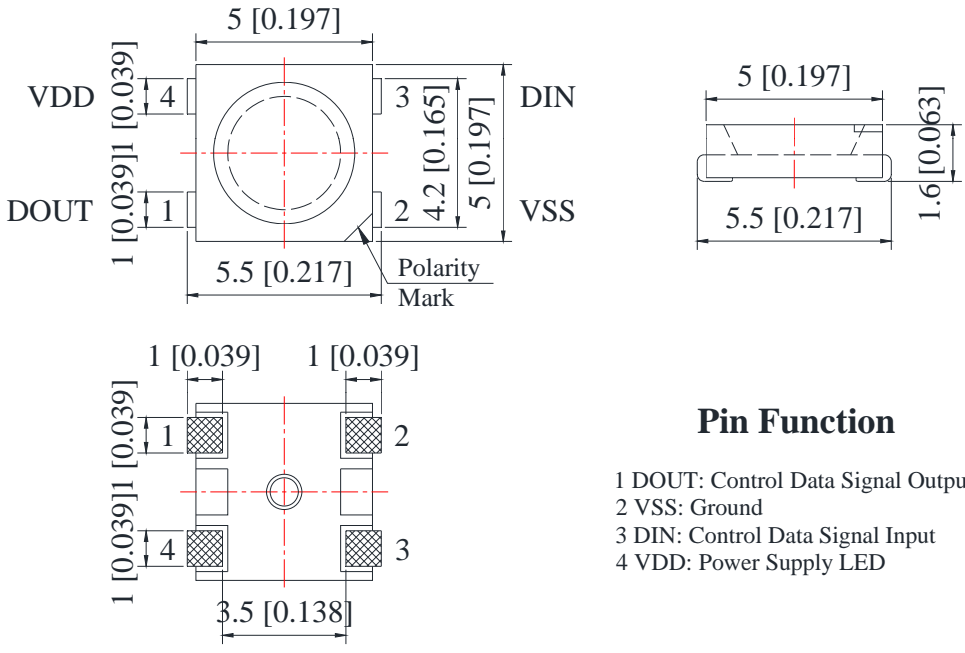
3.70mm×3.50mm×1.10mm PLCC-4 Top View Multi-Color Intelligent Control LED



FR3535RGB4C-F1-S	AlGaInP	Super Bright Red	632	624	Water Clear	+ 3.70 ~ + 5.50	12	400	600	120
	InGaN	Pure Green	520	525				1000	1500	
	InGaN	Blue	468	470				200	400	

Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd) / Φ_V (lm)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

5.50mm×5.00mm×1.60mm PLCC-4 Top View Multi-Color Intelligent Control LED

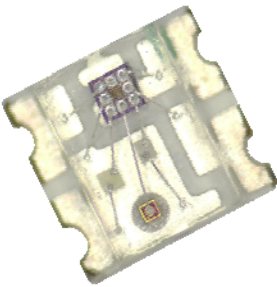
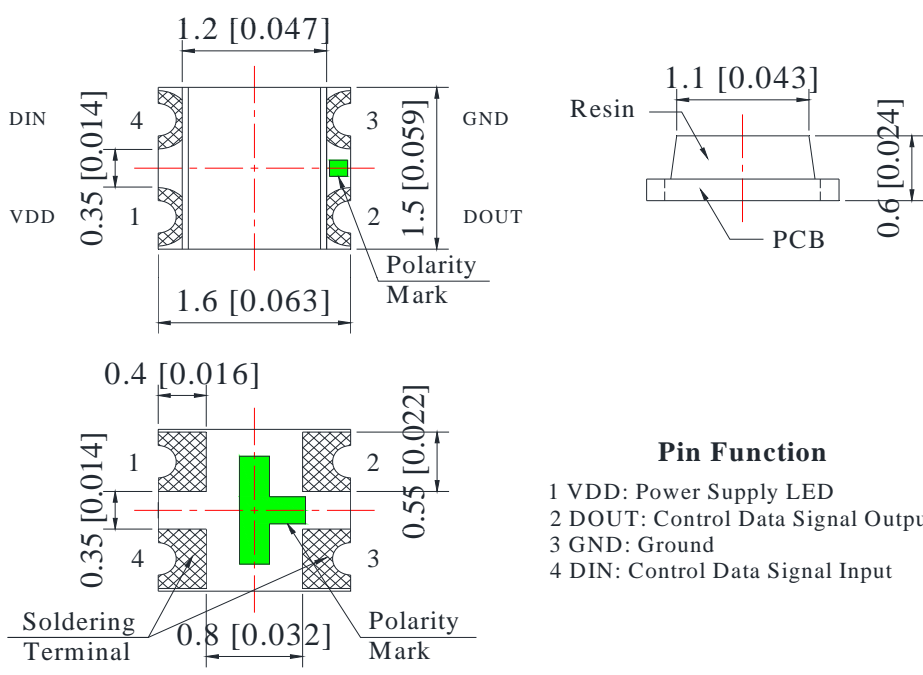



Pin Function

- 1 DOUT: Control Data Signal Output
- 2 VSS: Ground
- 3 DIN: Control Data Signal Input
- 4 VDD: Power Supply LED

FR5050RGB4C-F1A	AlGaInP	Super Bright Red	632	624	Water Clear	+ 3.50 ~ + 5.50	20	250	500	120
	InGaN	Pure Green	520	525				500	1500	
	InGaN	Blue	468	470				150	250	

1.60mm×1.50mm×0.60mm (0606) Multi-Color Intelligent Control LED

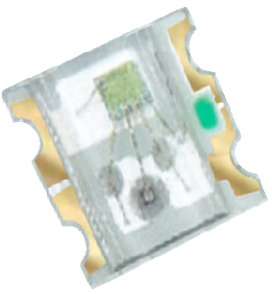
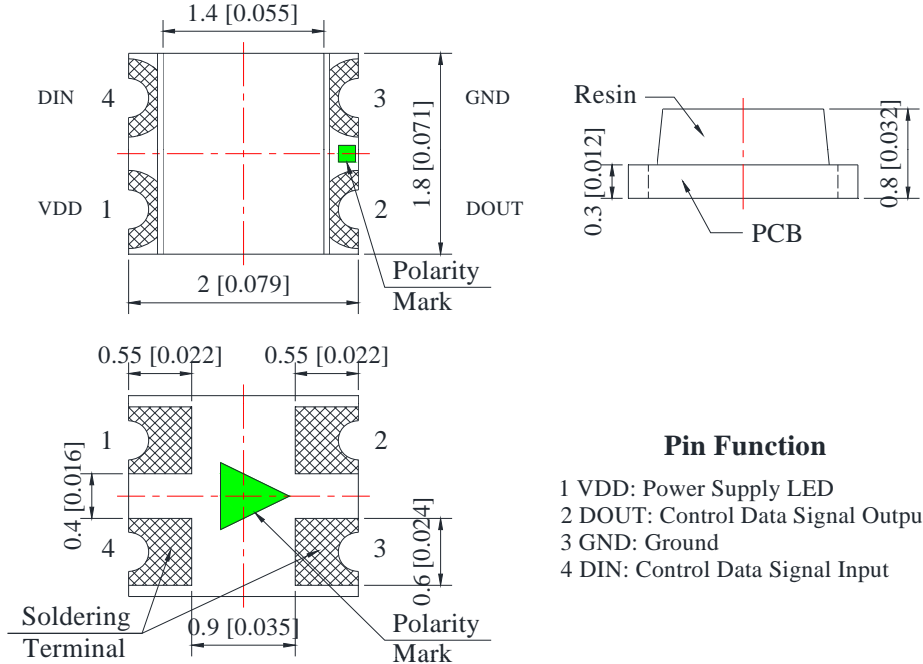
Pin Function

- 1 VDD: Power Supply LED
- 2 DOUT: Control Data Signal Output
- 3 GND: Ground
- 4 DIN: Control Data Signal Input

FS1615RGB4C-F1T	AlGaInP	Super Bright Red	632	624	Water Clear	+ 5.00	5	150	300	120
	InGaN	Pure Green	520	525				400	800	
	InGaN	Blue	468	470				100	200	

Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd) / Φ_V (lm)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

2.00mm×1.80mm×0.80mm (0807) Multi-Color Intelligent Control LED

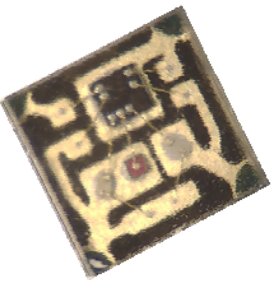
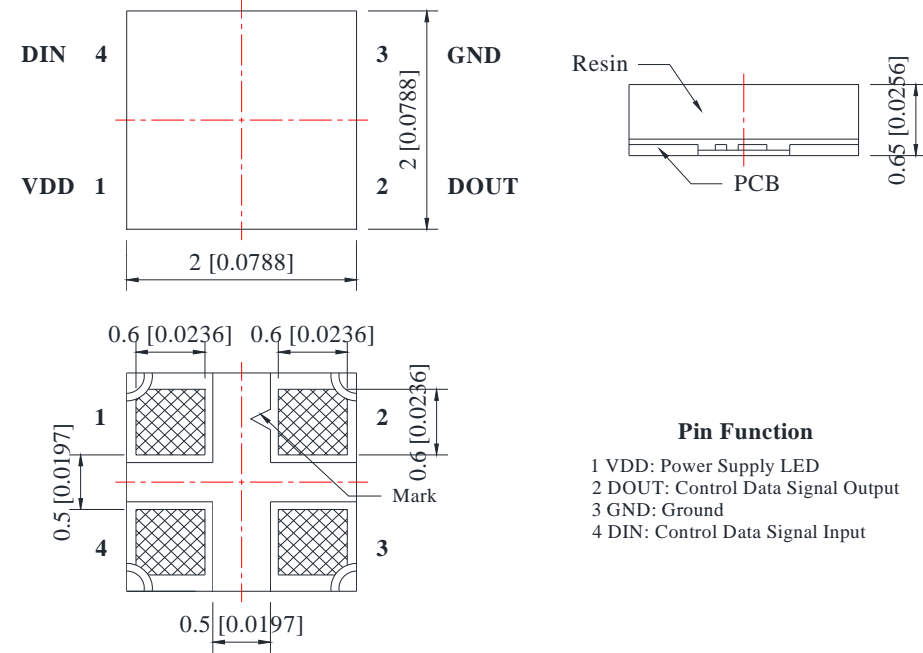



Pin Function

- 1 VDD: Power Supply LED
- 2 DOUT: Control Data Signal Output
- 3 GND: Ground
- 4 DIN: Control Data Signal Input

FS2018RGB4M-F1J	AlGaInP	Super Bright Red	632	624	White Diffused	+ 3.70 ~ + 5.50	12	80	120	120
	InGaN	Pure Green	520	525				250	500	
	InGaN	Blue	468	470				80	130	

2.00mm×2.00mm×0.65mm (0808) Multi-Color Intelligent Control LED

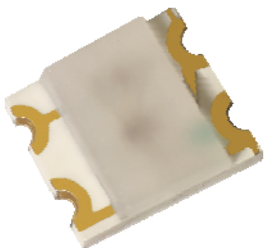
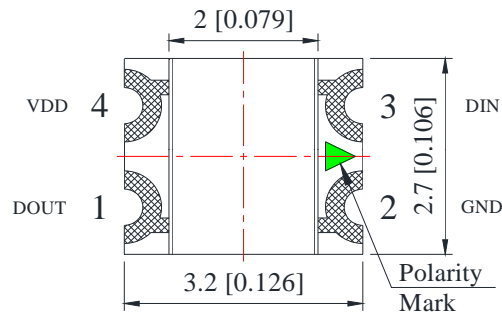
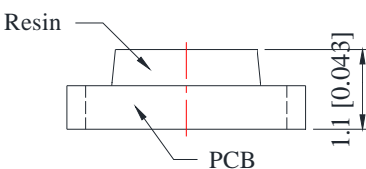
Pin Function

- 1 VDD: Power Supply LED
- 2 DOUT: Control Data Signal Output
- 3 GND: Ground
- 4 DIN: Control Data Signal Input

FS2020RGB4C-F1-S	AlGaInP	Super Bright Red	632	624	Water Clear	+ 3.70 ~ + 5.50	5	30	80	120
	InGaN	Pure Green	520	525				120	200	
	InGaN	Blue	468	470				20	70	

Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd) / Φ_V (lm)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

3.20mm×2.70mm×1.10mm (1210) Multi-Color Intelligent Control LED


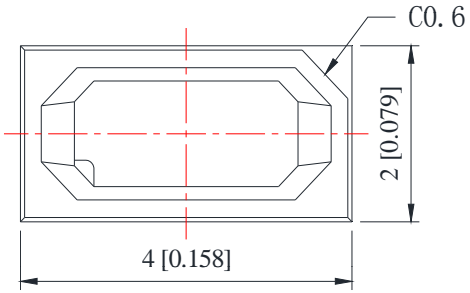
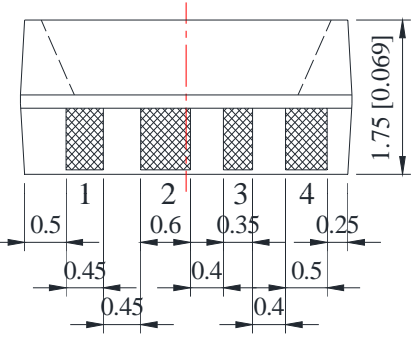




Pin Function

- 1 DOUT: Control Data Signal Output
- 2 GND: Ground
- 3 DIN: Control Data Signal Input
- 4 VDD: Power Supply LED

FS3227RGB4M-F1J	AlGaInP	Super Bright Red	632	624	White Diffused	+ 3.70 ~ + 5.50	12	80	120	120
	InGaN	Pure Green	520	525				250	500	
	InGaN	Blue	468	470				80	130	

4.00mm×2.00mm×1.75mm PLCC-4 Side View Multi-Color Intelligent Control LED


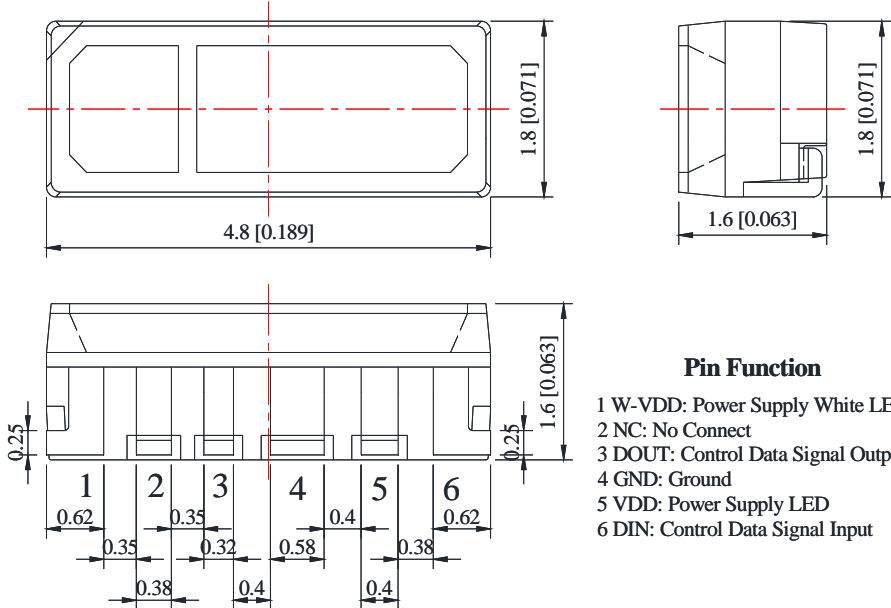
Pin Function

- 1 DIN: Control Data Signal Input
- 2 VDD: Power Supply LED
- 3 DOUT: Control Data Signal Output
- 4 VSS: Ground

FV4020RGBC-F1J	AlGaInP	Super Bright Red	632	624	Water Clear	+ 3.50 ~ + 5.50	12	250	500	120
	InGaN	Pure Green	520	525				600	1000	
	InGaN	Blue	468	470				100	250	

Part Number	Chip Material	Emitting Color	λ_p (nm) / x	λ_d (nm) / y	Lens Color	VF (V)		IV (mcd) / Φ_V (lm)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2 θ 1/2

4.80mm×1.80mm×1.60mm PLCC-6 Side View Multi-Color Intelligent Control LED


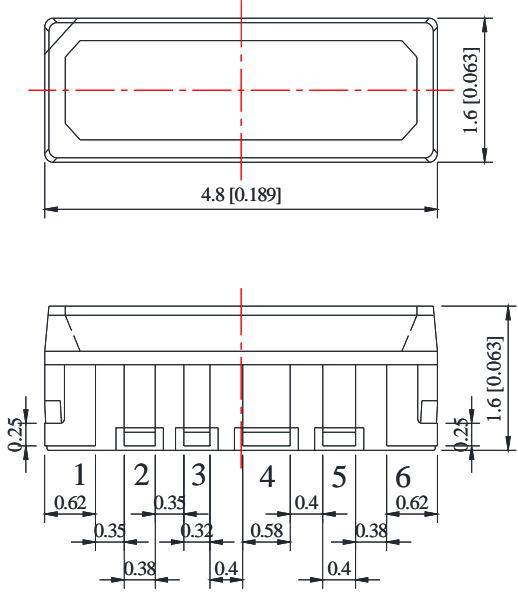



Pin Function

- 1 W-VDD: Power Supply White LED
- 2 NC: No Connect
- 3 DOUT: Control Data Signal Output
- 4 GND: Ground
- 5 VDD: Power Supply LED
- 6 DIN: Control Data Signal Input

FV4818RGBW2-F1S-6P	AlGaInP	Super Bright Red	632	624	Water Clear	+ 3.50 ~ + 5.50	12	150	350	120
	InGaN	Pure Green	520	525				600	1000	
	InGaN	Blue	468	470				100	250	
	InGaN	Cool White	x=0.31	y=0.32				1000	2500	

4.80mm×1.60mm×1.60mm PLCC-6 Side View Multi-Color LED

Polarity

- 2+ Cathode Green
- 2 Anode Green
- 3+ Cathode Red
- 3 Anode Red
- 4+ Cathode Blue
- 4 Anode Blue

V4816RGBC-001	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.40	20	600	800	120
	InGaN	Pure Green	520	525		3.10	3.40		1500	2000	
	InGaN	Blue	468	470		3.10	3.40		400	600	

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.10\text{mm}$ (.004") unless otherwise noted.
3. Specifications are subject to change without notice.