
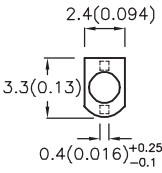
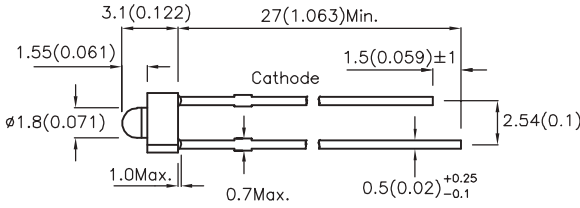

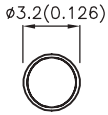
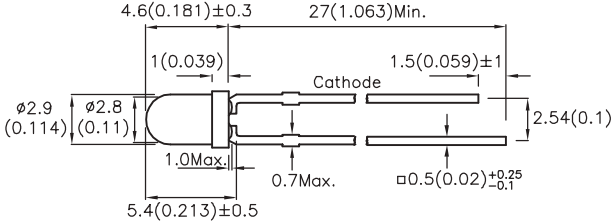

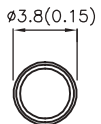
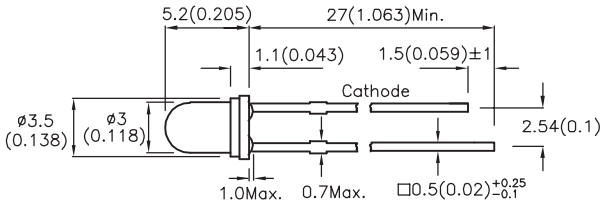

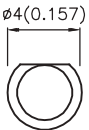
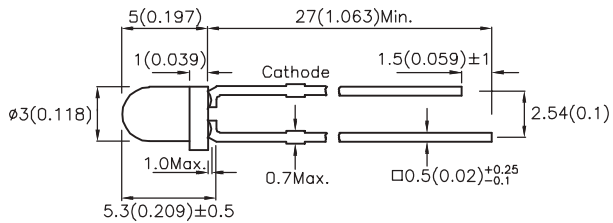


Part Number	Chip Structure (Emitted Color)	λ_{peak} (nm)	Intensity(mcd) $I_f=20mA$		Viewing Angle 2 θ 1/2	Lens
			Min.	Typ.		
1.8mm						
						
LMDK61D	◆ AlGaInP(Red)	645	120	297	90°	Red Diffused
LMYK61D	◆ AlGaInP(Yellow)	590	100	248	90°	Yellow Diffused
LVG61D	◆ AlGaInP(Green)	574	55	79	90°	Green Diffused

3mm						
						
LM2MR11D	◆ AlGaInP(Red)	660	200	497	50°	Red Diffused
LM2MR11W	◆ AlGaInP(Red)	660	1000	1495	30°	Water Clear
LMDK11D	◆ AlGaInP(Red)	645	120	238	50°	Red Diffused
LMDK11W	◆ AlGaInP(Red)	645	400	895	30°	Water Clear
LM2CRK11W	◆ AlGaInP(Red)	640	2300	3590	30°	Water Clear
LM2MOK11W	◆ AlGaInP(Orange)	611	3600	5990	30°	Water Clear
LMOK11W	◆ AlGaInP(Orange)	610	700	1395	30°	Water Clear
LMYK11D	◆ AlGaInP(Yellow)	590	400	795	50°	Yellow Diffused
LMYK11W	◆ AlGaInP(Yellow)	590	700	1495	30°	Water Clear
LM2CYK11W	◆ AlGaInP(Yellow)	590	1900	2990	30°	Water Clear
LVG11D	◆ AlGaInP(Green)	574	80	248	50°	Green Diffused
LM2DG11W	◆ InGaN(Green)	520	10500	16490	30°	Water Clear
LDGK11W	◆ InGaN(Green)	515	8000	13990	30°	Water Clear
LFBB11W	◆ InGaN(Blue)	465	2100	3690	30°	Water Clear
LCBD11D	◆ InGaN(Blue)	460	480	995	50°	Blue Diffused
LCBD11W	◆ InGaN(Blue)	460	900	1590	30°	Water Clear

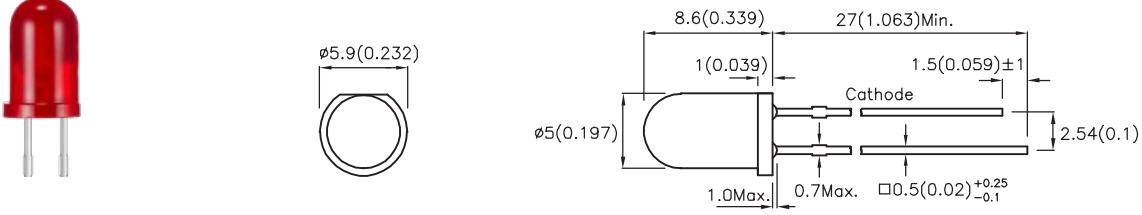
3mm						
						
LMDK65D	◆ AlGaInP(Red)	645	60	208	60°	Red Diffused
LMYK65D	◆ AlGaInP(Yellow)	590	110	497	60°	Yellow Diffused
LVG65D	◆ AlGaInP(Green)	574	60	138	60°	Green Diffused

3mm						
						
LMDK34D	◆ AlGaInP(Red)	645	100	248	60°	Red Diffused
LMYK34D	◆ AlGaInP(Yellow)	590	300	497	60°	Yellow Diffused
LVG34D	◆ AlGaInP(Green)	574	80	148	60°	Green Diffused

1. Dimension Unit: mm(inches), Tolerance: $\pm 0.25mm$ (0.01").
 2. Luminous intensity value and wavelength are in accordance with CIE127-2007 standards.
 3. We reserve the right to make changes at any time to enhance the design and / or performance of the product.

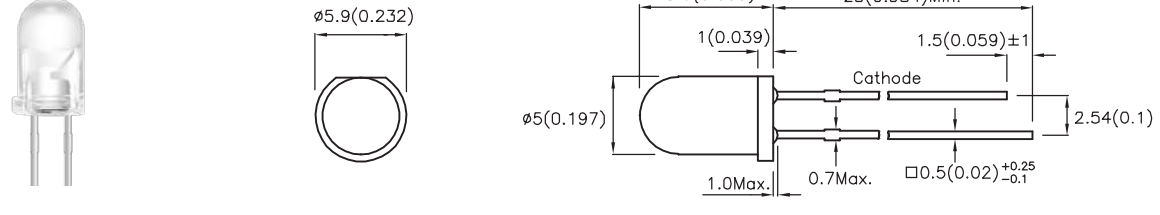
Part Number	Chip Structure (Emitted Color)	λ_{peak} (nm)	Intensity(mcd) $I_f=20mA$		Viewing Angle 2 θ 1/2	Lens
			Min.	Typ.		

5mm



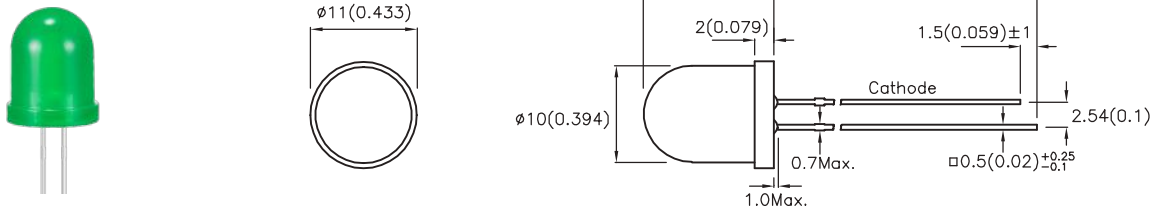
LM2MR12D	◆ AlGaInP(Red)	660	300	597	30°	Red Diffused
LM2MR12W	◆ AlGaInP(Red)	660	3300	4990	20°	Water Clear
LMDK12D	◆ AlGaInP(Red)	645	300	647	30°	Red Diffused
LMDK12W	◆ AlGaInP(Red)	645	900	1295	20°	Water Clear
LM2CRK12W	◆ AlGaInP(Red)	640	3600	5990	20°	Water Clear
LM2MOK12W	◆ AlGaInP(Orange)	611	5000	8890	20°	Water Clear
LMOK12W	◆ AlGaInP(Orange)	610	1300	2090	20°	Water Clear
LMYK12D	◆ AlGaInP(Yellow)	590	500	995	30°	Yellow Diffused
LMYK12W	◆ AlGaInP(Yellow)	590	1800	2990	20°	Water Clear
LM2CYK12W	◆ AlGaInP(Yellow)	590	5000	7790	20°	Water Clear
LVG12D	◆ AlGaInP(Green)	574	50	138	30°	Green Diffused
LM2DG12W	◆ InGaN(Green)	520	18000	29990	20°	Water Clear
LDGK12W	◆ InGaN(Green)	515	14000	25990	20°	Water Clear
LFBB12W	◆ InGaN(Blue)	465	4300	6990	20°	Water Clear
LCBD12D	◆ InGaN(Blue)	460	600	995	30°	Blue Diffused
LCBD12W	◆ InGaN(Blue)	460	3100	4490	20°	Water Clear

5mm



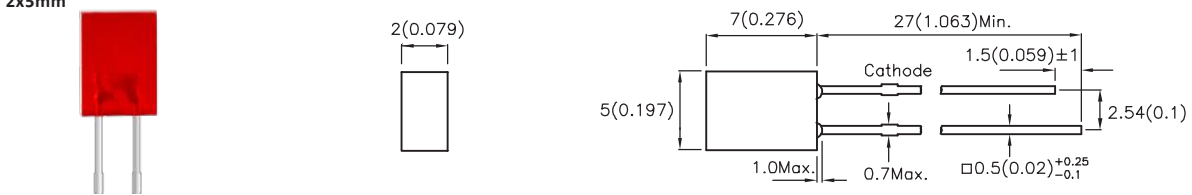
LM2CRK14W	◆ AlGaInP(Red)	640	1500	2890	30°	Water Clear
LFBB14W	◆ InGaN(Blue)	465	1900	3090	30°	Water Clear

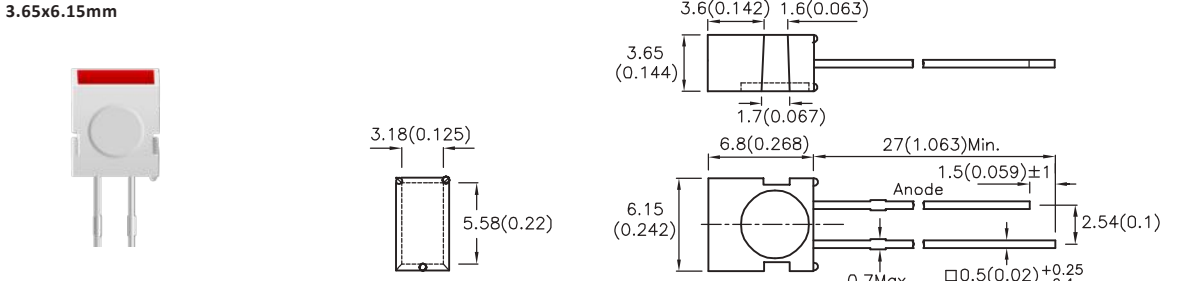
10mm



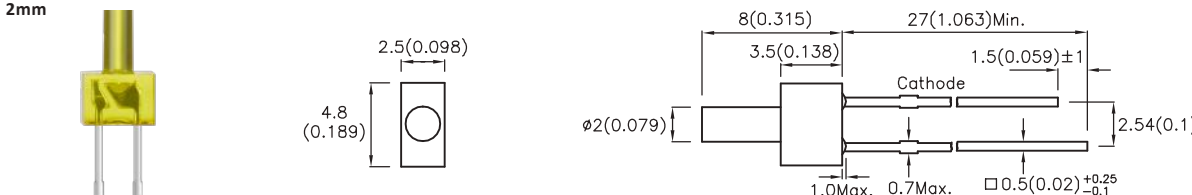
LM2MR01D	◆ AlGaInP(Red)	660	300	597	30°	Red Diffused
LMDK01D	◆ AlGaInP(Red)	645	150	297	30°	Red Diffused
LMYK01D	◆ AlGaInP(Yellow)	590	300	497	30°	Yellow Diffused
LVG01D	◆ AlGaInP(Green)	574	55	98	30°	Green Diffused

1. Dimension Unit: mm(inches), Tolerance: ±0.25mm (0.01").
 2. Luminous intensity value and wavelength are in accordance with CIE127-2007 standards.
 3. We reserve the right to make changes at any time to enhance the design and / or performance of the product.

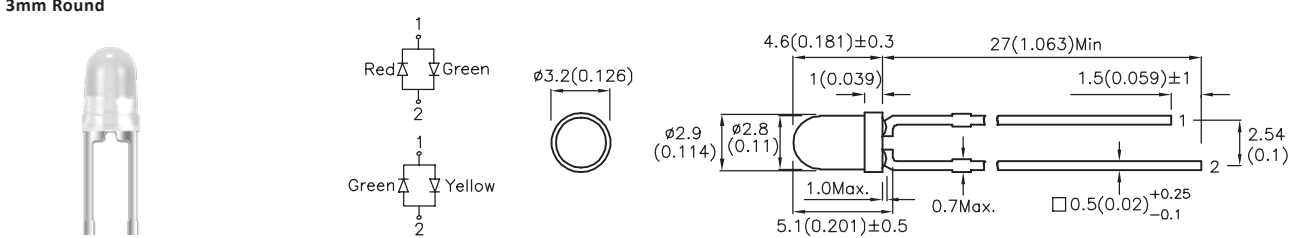
Part Number	Chip Structure (Emitted Color)	λ_{peak} (nm)	Intensity(mcd) $I_f=20mA$		Viewing Angle 2 θ 1/2	Lens
			Min.	Typ.		
2x5mm 						
SMDK18D	◆ AlGaInP(Red)	645	25	49	140°	Red Diffused
SMYK18D	◆ AlGaInP(Yellow)	590	70	118	140°	Yellow Diffused
SVG18D	◆ AlGaInP(Green)	574	10	29	140°	Green Diffused

3.65x6.15mm 						
EMDK21D	◆ AlGaInP(Red)	645	30	59	140°	Red Diffused
EMYK21D	◆ AlGaInP(Yellow)	590	80	148	140°	Yellow Diffused
EVG21D	◆ AlGaInP(Green)	574	8	19	140°	Green Diffused

FLAT TOP

Part Number	Chip Structure (Emitted Color)	λ_{peak} (nm)	Intensity(mcd) $I_f=20mA$		Viewing Angle 2 θ 1/2	Lens
			Min.	Typ.		
2mm 						
LMDK13D	◆ AlGaInP(Red)	645	80	198	50°	Red Diffused
LMYK13D	◆ AlGaInP(Yellow)	590	80	198	50°	Yellow Diffused
LVG13D	◆ AlGaInP(Green)	574	20	39	50°	Green Diffused


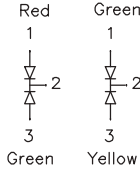
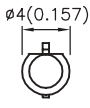
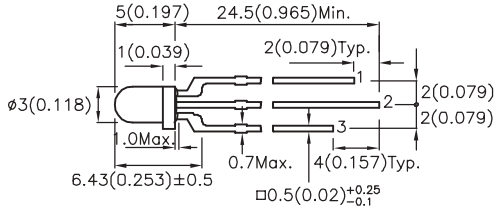
BI-COLOR & BI-POLAR

Part Number	Chip Structure (Emitted Color)	λ_{peak} (nm)	Intensity(mcd) $I_f=20mA$		Viewing Angle 2 θ 1/2	Lens
			Min.	Typ.		
3mm Round 						
LMDKVG37M	◆ AlGaInP(Red) ◆ AlGaInP(Green)	645 574	55 40	108 79	60°	White Diffused
LVGMYK37M	◆ AlGaInP(Green) ◆ AlGaInP(Yellow)	574 590	40 80	79 228		

1. Dimension Unit: mm(inches), Tolerance: $\pm 0.25mm$ (0.01").
 2. Luminous intensity value and wavelength are in accordance with CIE127-2007 standards.
 3. We reserve the right to make changes at any time to enhance the design and / or performance of the product.

Part Number	Chip Structure (Emitted Color)	λ_{peak} (nm)	Intensity(mcd) $I_f=20mA$		Viewing Angle 2 θ 1/2	Lens
			Min.	Typ.		


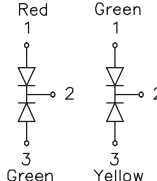
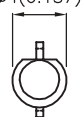
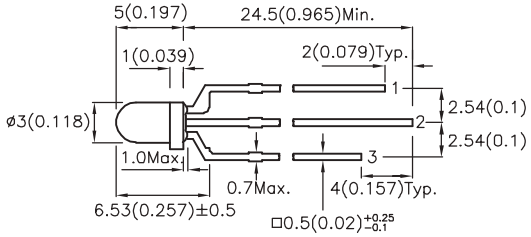
3mm Round

Dimensions: 5(0.197), 24.5(0.965)Min., 1(0.039), 2(0.079)Typ., 2(0.079), 2(0.079), 0.7Max., 4(0.157)Typ., 6.43(0.253) \pm 0.5, \square 0.5(0.02) $^{+0.25}_{-0.1}$, ϕ 3(0.118), 1.0Max., 0.7Max., 4(0.157)Typ.

LMDKVG29M	◆ AlGaInP(Red)	645	80	158	60°	White Diffused
	◆ AlGaInP(Green)	574	40	98		
LVGMYK29M	◆ AlGaInP(Green)	574	55	98	60°	White Diffused
	◆ AlGaInP(Yellow)	590	120	248		


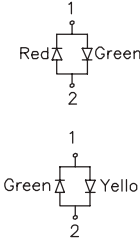
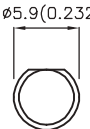
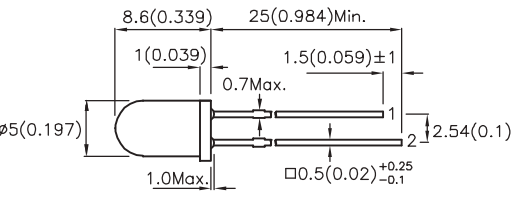
3mm Round

Dimensions: 5(0.197), 24.5(0.965)Min., 1(0.039), 2(0.079)Typ., 2.54(0.1), 2.54(0.1), 0.7Max., 4(0.157)Typ., 6.53(0.257) \pm 0.5, \square 0.5(0.02) $^{+0.25}_{-0.1}$, ϕ 3(0.118), 1.0Max., 0.7Max., 4(0.157)Typ.

LMDKVG34M	◆ AlGaInP(Red)	645	80	158	60°	White Diffused
	◆ AlGaInP(Green)	574	60	158		
LMDKSGK34M	◆ AlGaInP(Red)	645	80	158	60°	White Diffused
	◆ AlGaInP(Green)	574	70	158		
LVGMYK34M	◆ AlGaInP(Green)	574	40	118	60°	White Diffused
	◆ AlGaInP(Yellow)	590	120	297		


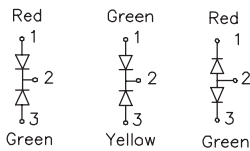

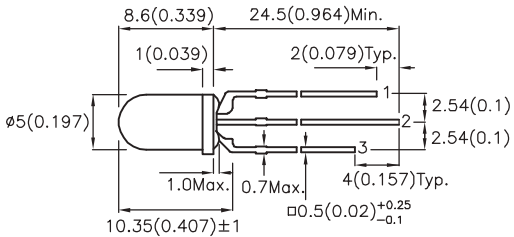
5mm Round

Dimensions: 8.6(0.339), 25(0.984)Min., 1(0.039), 1.5(0.059) \pm 1, 2.54(0.1), 0.7Max., \square 0.5(0.02) $^{+0.25}_{-0.1}$, ϕ 5(0.197), 1.0Max., 0.7Max., 4(0.157)Typ.

LMDKVG58M	◆ AlGaInP(Red)	645	80	148	30°	White Diffused
	◆ AlGaInP(Green)	574	60	118		
LVGMYK58M	◆ AlGaInP(Green)	574	60	118	30°	White Diffused
	◆ AlGaInP(Yellow)	590	80	178		

5mm Round

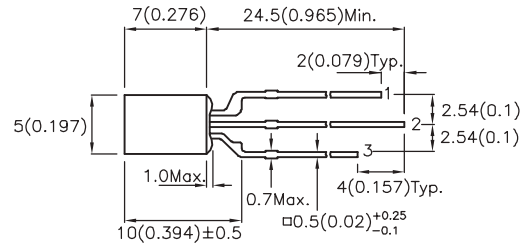
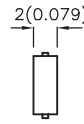
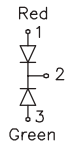
Dimensions: 8.6(0.339), 24.5(0.964)Min., 1(0.039), 2(0.079)Typ., 2.54(0.1), 2.54(0.1), 0.7Max., 4(0.157)Typ., 10.35(0.407) \pm 1, \square 0.5(0.02) $^{+0.25}_{-0.1}$, ϕ 5(0.197), 1.0Max., 0.7Max., 4(0.157)Typ.

LMDKVG59M	◆ AlGaInP(Red)	645	200	397	30°	White Diffused
	◆ AlGaInP(Green)	574	80	178		
LMDKVG59MCA	◆ AlGaInP(Red)	645	18	39	60°	White Diffused
	◆ AlGaInP(Green)	574	8	19		
LVGMYK59M	◆ AlGaInP(Green)	574	80	198	30°	White Diffused
	◆ AlGaInP(Yellow)	590	250	597		

1. Dimension Unit: mm(inches), Tolerance: \pm 0.25mm (0.01").
 2. Luminous intensity value and wavelength are in accordance with CIE127-2007 standards.
 3. We reserve the right to make changes at any time to enhance the design and / or performance of the product.

Part Number	Chip Structure (Emitted Color)	λ_{peak} (nm)	Intensity(mcd) $I_f=20mA$		Viewing Angle 2 θ 1/2	Lens
			Min.	Typ.		

2x5mm Rectangular

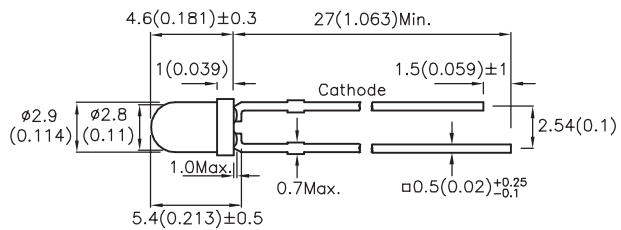
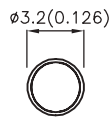


SMDKVG47M	◆ AlGaInP(Red)	645	30	54	140°	White Diffused
	◆ AlGaInP(Green)	574	15	29		

LOW CURRENT

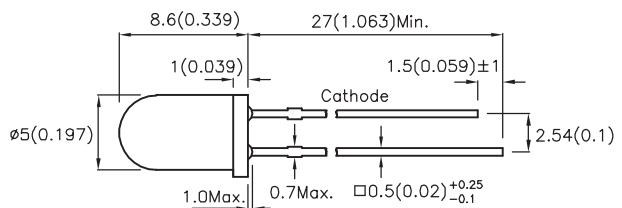
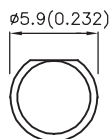
Part Number	Chip Structure (Emitted Color)	λ_{peak} (nm)	Intensity(mcd) $I_f=2mA$		Viewing Angle 2 θ 1/2	Lens
			Min.	Typ.		

3mm



CMDK11D	◆ AlGaInP(Red)	645	10	19	50°	Red Diffused
CVG11D	◆ AlGaInP(Green)	574	4	7	50°	Green Diffused

5mm



CMDK12D	◆ AlGaInP(Red)	645	18	34	30°	Red Diffused
CMYK12D	◆ AlGaInP(Yellow)	590	20	69	30°	Yellow Diffused
CVG12D	◆ AlGaInP(Green)	574	6	11	30°	Green Diffused

1. Dimension Unit: mm(inches), Tolerance: ±0.25mm (0.01").
 2. Luminous intensity value and wavelength are in accordance with CIE127-2007 standards.
 3. We reserve the right to make changes at any time to enhance the design and / or performance of the product.