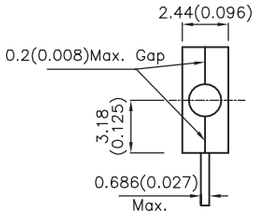
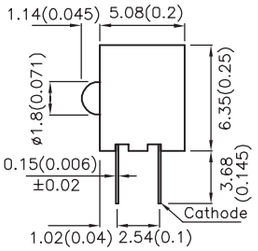
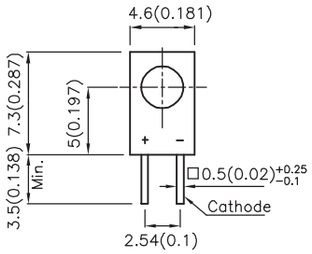
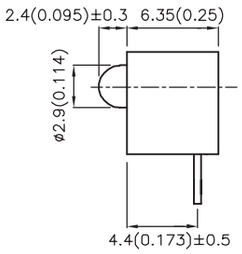
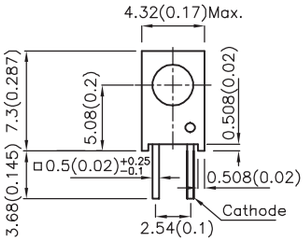
Part Number	Chip Structure (Emitted Color)	λpeak (nm)	Intensity(mcd) I_F=10mA,20mA*		Viewing Angle 2θ1/2	Lens
			Min.	Typ.		
1.8mm						
NH1ZUR46D	GaAsP/GaP(Red)	627	*8	*15	40°	Red Diffused
NH1ZUY46D	GaAsP/GaP(Yellow)	590	*5	*9	40°	Yellow Diffused
NH1ZMG46D	GaP(Green)	565	*5	*11	40°	Green Diffused
3mm						
VB1LUR11D	GaAsP/GaP(Red)	627	10	19	50°	Red Diffused
VB1LUY11D	GaAsP/GaP(Yellow)	590	8	14	50°	Yellow Diffused
VB1LUG11D	GaP(Green)	565	10	24	50°	Green Diffused
3mm						
NK1LUR11D	GaAsP/GaP(Red)	627	10	19	50°	Red Diffused
NK1LUY11D	GaAsP/GaP(Yellow)	590	8	14	50°	Yellow Diffused
NK1LUG11D	GaP(Green)	565	10	24	50°	Green Diffused
3mm						
PV1LUR11D	GaAsP/GaP(Red)	627	10	19	50°	Red Diffused
PV1LUY11D	GaAsP/GaP(Yellow)	590	8	14	50°	Yellow Diffused
PV1LUG11D	GaP(Green)	565	10	24	50°	Green Diffused

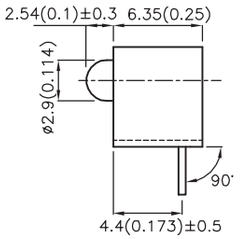


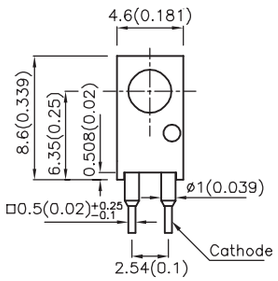


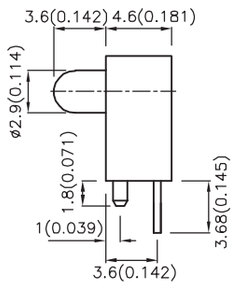








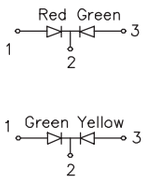


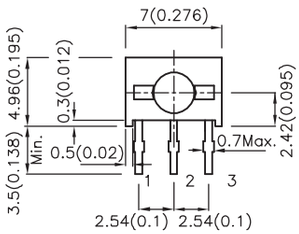


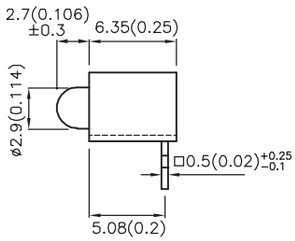
1. Dimension Unit: mm(inches), Tolerance: ±0.25mm (0.01").
2. Luminous intensity value and wavelength are in accordance with CIE127-2007 standards.
3. We reserve the right to make changes at any time to enhance the design and / or performance of the product.

ONE POSITION

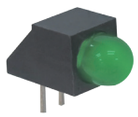
Part Number	Chip Structure (Emitted Color)	λpeak (nm)	Intensity(mcd) I_F=10mA,20mA*		Viewing Angle 2θ1/2	Lens
			Min.	Typ.		
3mm (Bi-Color)						
NN1LUGR86M	◆ GaAsP/GaP(Red)	627	*10	*23	60°	White Diffused
	◆ GaP(Green)	565	*12	*29		
NN1LUGY86M	◆ GaP(Green)	565	*18	*39	60°	White Diffused
	◆ GaAsP/GaP(Yellow)	590	*10	*19		

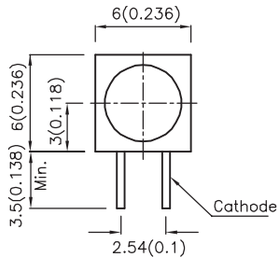


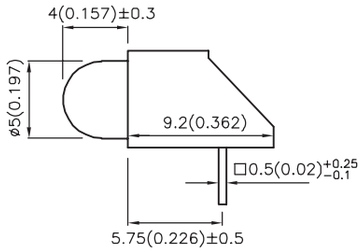




5mm						
VB1LUR50D	◆ GaAsP/GaP(Red)	627	12	39	30°	Red Diffused
VB1LUY50D	◆ GaAsP/GaP(Yellow)	590	15	29	30°	Yellow Diffused
VB1LUG50D	◆ GaP(Green)	565	15	29	30°	Green Diffused

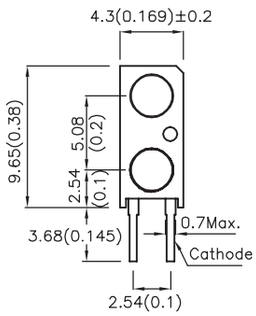


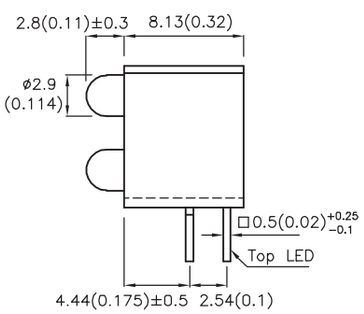




TWO POSITION

Part Number	Chip Structure (Emitted Color)	λpeak (nm)	Intensity(mcd) I_F=10mA,20mA*		Viewing Angle 2θ1/2	Lens
			Min	Typ		
3mm						
PC2LMR11D	◆ GaAlAs(Red)	655	*50	*98	50°	Red Diffused
PC2LUR11D	◆ GaAsP/GaP(Red)	627	10	19	50°	Red Diffused
PC2LUY11D	◆ GaAsP/GaP(Yellow)	590	8	14	50°	Yellow Diffused
PC2LUG11D	◆ GaP(Green)	565	10	24	50°	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.

TWO POSITION

Part Number	Chip Structure (Emitted Color)	λpeak (nm)	Intensity(mcd) I_F=10mA,20mA*		Viewing Angle 2θ1/2	Lens
			Min	Typ		
3mm						
PF2LUR11D	GaAsP/GaP(Red)	627	10	19	50°	Red Diffused
PF2LUY11D	GaAsP/GaP(Yellow)	590	8	14	50°	Yellow Diffused
PF2LUG11D	GaP(Green)	565	10	24	50°	Green Diffused
3mm (Bi-Color)						
VO2LUGR86M	GaAsP/GaP(Red)	627	*10	*23	60°	White Diffused
	GaP(Green)	565	*12	*29		
VO2LUGY86M	GaP(Green)	565	*18	*39	60°	White Diffused
	GaAsP/GaP(Yellow)	590	*10	*19		

THREE POSITION

Part Number	Chip Structure (Emitted Color)	λpeak (nm)	Intensity(mcd) I_F=10mA		Viewing Angle 2θ1/2	Lens
			Min.	Typ.		
3mm						
PZ3LUR11D	GaAsP/GaP(Red)	627	10	19	50°	Red Diffused
PZ3LUY11D	GaAsP/GaP(Yellow)	590	8	14	50°	Yellow Diffused
PZ3LUG11D	GaP(Green)	565	10	24	50°	Green Diffused

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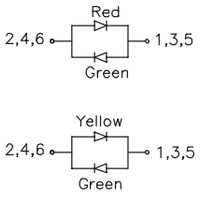
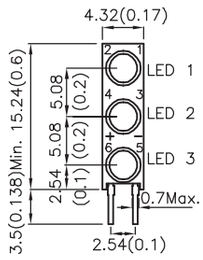
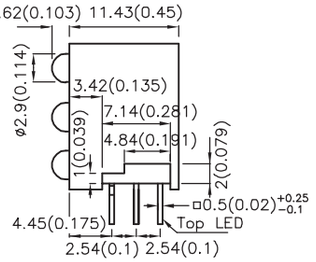
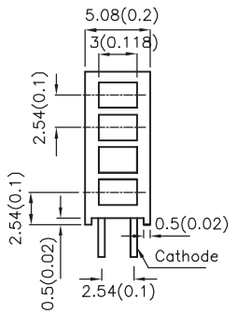
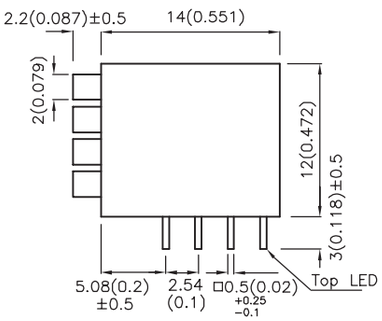
2. Luminous intensity value and wavelength are in accordance with CIE127-2007 standards.
3. We reserve the right to make changes at any time to enhance the design and / or performance of the product.

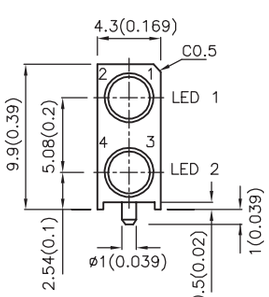
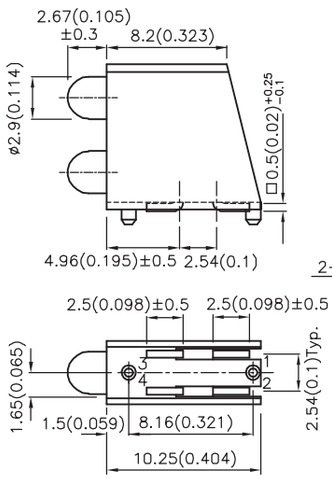
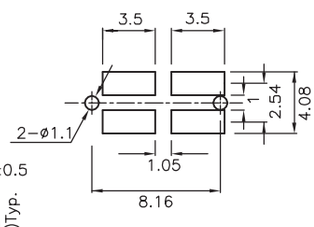
THREE POSITION

Part Number	Chip Structure (Emitted Color)	λpeak (nm)	Intensity(mcd) I_F=20mA Min	Intensity(mcd) I_F=20mA Typ	Viewing Angle 2θ1/2	Lens
3mm (Bi-Color)    						
PZ3LUGR37M	◆ GaAsP/GaP(Red)	627	4	9	60°	White Diffused
	◆ GaP(Green)	565	6	13		
PZ3LUYG37M	◆ GaAsP/GaP(Yellow)	590	4	7	60°	White Diffused
	◆ GaP(Green)	565	6	13		

FOUR POSITION

Part Number	Chip Structure (Emitted Color)	λpeak (nm)	Intensity(mcd) I_F=10mA Min.	Intensity(mcd) I_F=10mA Typ.	Viewing Angle 2θ1/2	Lens
2x3mm   						
VX4SUR36D	◆ GaAsP/GaP(Red)	627	1.2	3.8	140°	Red Diffused
VX4SUY36D	◆ GaAsP/GaP(Yellow)	590	1.5	3.8	140°	Yellow Diffused
VX4SUG36D	◆ GaP(Green)	565	3	5	140°	Green Diffused

SMD CBI

Part Number	Chip Structure (Emitted Color)	λpeak (nm)	Intensity(mcd) I_F=10mA Min.	Intensity(mcd) I_F=10mA Typ.	Viewing Angle 2θ1/2	Lens
3mm (Two-Position SMD)    						
RS2LUG11D	◆ GaP(Green)	565	10	24	50°	Green Diffused

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