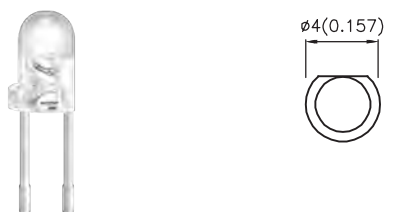
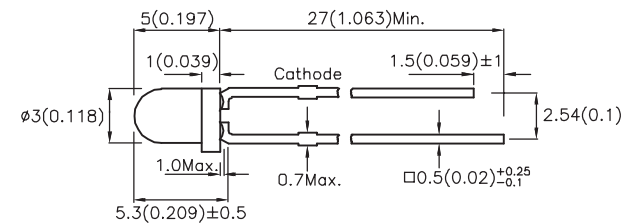



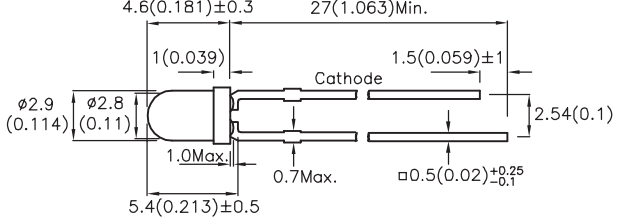
Part Number	Chip Structure	$\lambda_{peak}$ (nm)	Po(mW/sr) $I_f=20mA, 50mA^*$		Viewing Angle 2 $\theta$ /2	Lens
			Min.	Typ.		

**3mm**


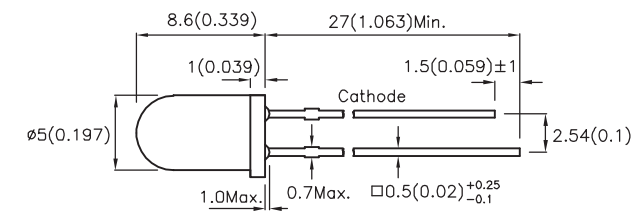
XTNI30W	GaAs	940	3 8*	7 14*	50°	Water Clear
XTHI30W	GaAlAs	880	3 5*	7 15*	50°	Water Clear

**3mm**

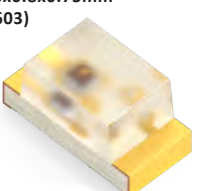

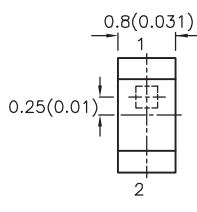
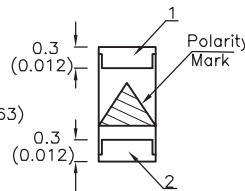
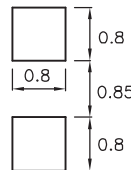
XTNI11W	GaAs	940	3 12*	7 24*	30°	Water Clear
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**5mm**

XTNI12W	GaAs	940	8 25*	19 49*	20°	Water Clear
XTNI12BF	GaAs	940	8 25*	19 49*	20°	Blue Transparent
XTHI12W	GaAlAs	880	6 15*	14 39*	20°	Water Clear

**1.6x0.8x0.75mm (0603)**


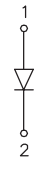
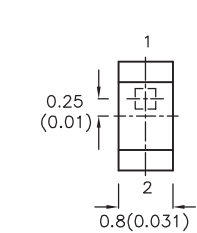
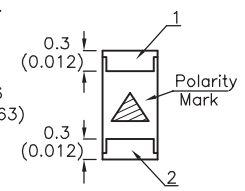
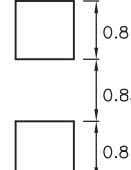






Dimension Unit: mm(inches), Tolerance :  $\pm 0.1(0.004")$

Recommended Soldering Pattern

XZTI53W-1	GaAs	940	0.8	1.8	150°	Water Clear
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**1.6x0.8x1.1mm (0603)**

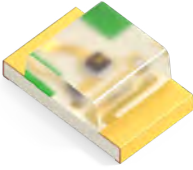

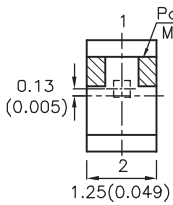
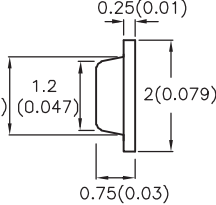
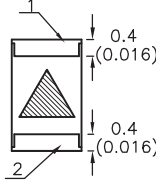
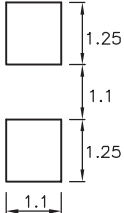
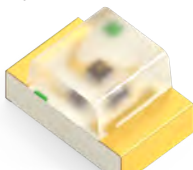
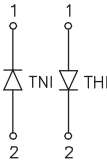
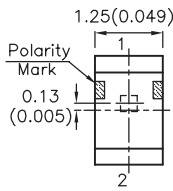
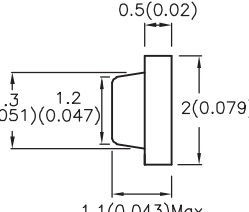
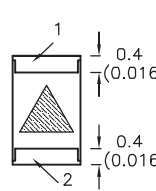
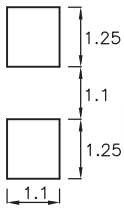
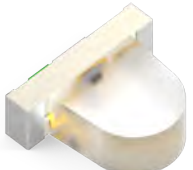
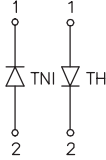
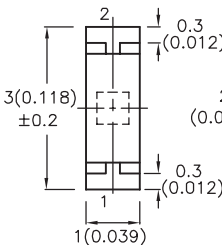
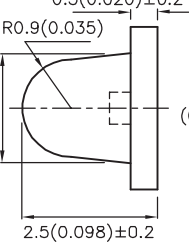
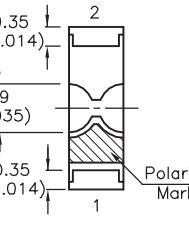
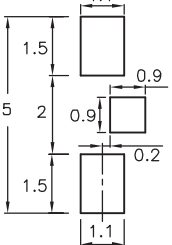
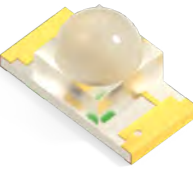

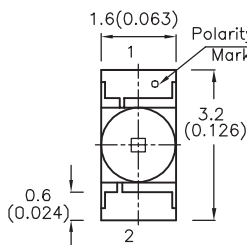
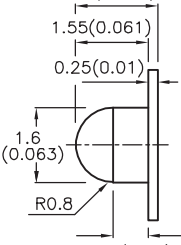
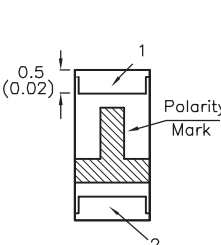
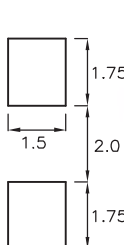
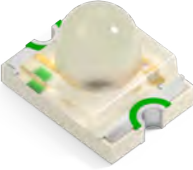

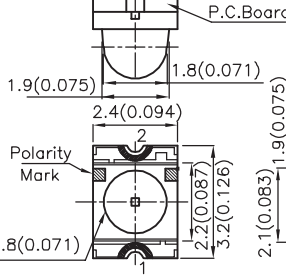
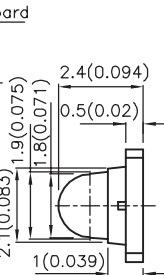
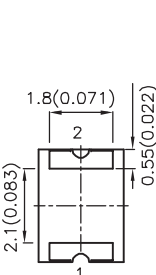
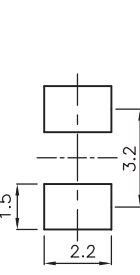






Dimension Unit: mm(inches), Tolerance :  $\pm 0.1(0.004")$

Recommended Soldering Pattern

XZTI53W	GaAlAs	880	0.8	1.3	150°	Water Clear
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1. Dimension Unit: mm(inches), Tolerance:  $\pm 0.25mm(0.01")$ . Soldering Pattern Tolerance:  $\pm 0.1mm$ .  
 2. Radiant 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	$\lambda_{peak}$ (nm)	Po(mW/sr) $I_f=20mA$		Viewing Angle 2 $\theta$ 1/2	Lens
			Min.	Typ.		
<b>2.0x1.25x0.75mm (0805)</b>       <p>Dimension Unit: mm(inches), Tolerance : <math>\pm 0.1(0.004)</math> <span style="float: right;">Recommended Soldering Pattern</span></p>						
XZTNI54W-1	GaAs	940	0.8	1.8	160°	Water Clear
<b>2.0x1.25x1.1mm (0805)</b>       <p>Dimension Unit: mm(inches), Tolerance : <math>\pm 0.1(0.004)</math> <span style="float: right;">Recommended Soldering Pattern</span></p>						
XZTNI54W	GaAs	940	0.8	1.8	160°	Water Clear
XZTHI54W	GaAlAs	880	0.8	1.3	160°	Water Clear
<b>3.0x2.5x1.0mm (Right Angle)</b>       <p>Dimension Unit: mm(inches), Tolerance : <math>\pm 0.15(0.006)</math> <span style="float: right;">Recommended Soldering Pattern</span></p>						
XZTNI56W-1	GaAs	940	1.2	2.3	30°	Water Clear
XZTHI56W-1	GaAlAs	880	1	2.3	30°	Water Clear
<b>3.2x1.6x1.8mm (1206 Dome Lens)</b>       <p>Dimension Unit: mm(inches), Tolerance : <math>\pm 0.2(0.008)</math> <span style="float: right;">Recommended Soldering Pattern</span></p>						
XZTNI55W-3	GaAs	940	2	4.8	40°	Water Clear
<b>3.2x2.4x2.4mm (Dome Lens)</b>       <p>Dimension Unit: mm(inches), Tolerance : <math>\pm 0.1(0.004)</math> <span style="float: right;">Recommended Soldering Pattern</span></p>						
XZTHI78W	GaAlAs	880	3	5	20°	Water Clear

1. Soldering Pattern Dimension Unit : mm , Tolerance :  $\pm 0.1mm$ .  
 2. Radiant 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.