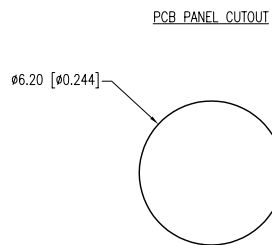
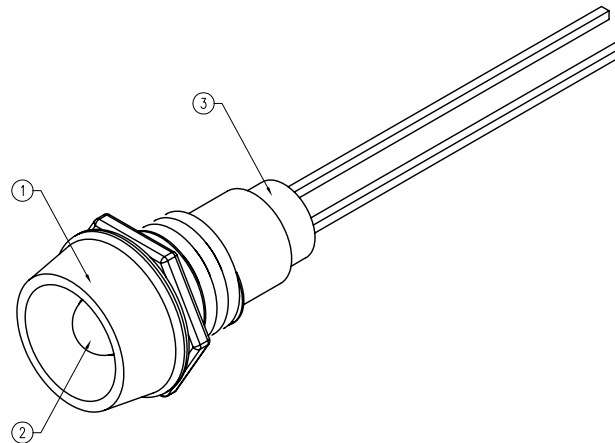
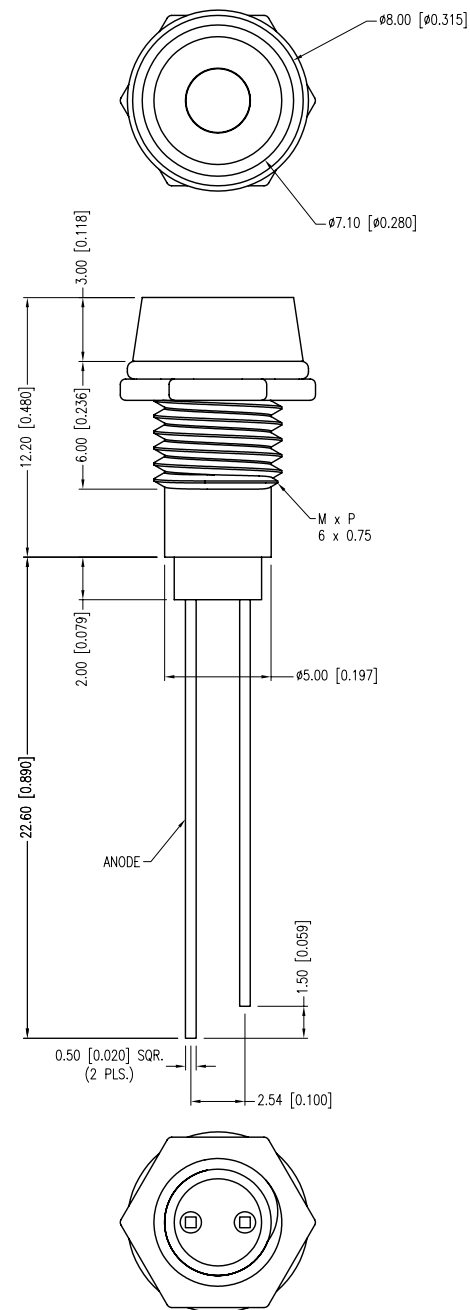


PART NUMBER	SSI-LXR1612GD-B	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
07.14.11	E.C.N. #10BRDR. & REDRAWN.		A



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C			If=20mA	
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		565		nm
FORWARD VOLTAGE		2.2	2.6	Vf
REVERSE VOLTAGE	5.0			Vr
AXIAL INTENSITY		30		mcd
VIEWING ANGLE		60		2x theta
EMITTED COLOR:	GREEN			
EPOXY LENS FINISH:	GREEN DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX.

\*  $t < 10 \mu\text{S}$ 

NOTES:

1. SSI-LXR1612-B, BLACK ANODIZED HOUSING.
2. SSL-LX3054GD, GREEN LED.
3. SSH-LXH1612BSG, BUSHING. INSERT AND CRIMP.

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=  $\frac{+DECIMAL PRECISION}{-0.00}$  MAX=  $\frac{+0.00}{-DECIMAL PRECISION}$

UNCONTROLLED DOCUMENT

**LUMEX**  
Creating LED and LCD Solutions Together™

T-3mm (T-1) 565nm GREEN LED PANEL INDICATOR, GREEN DIFFUSED LENS.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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DATE: 07.14.11	DRAWN BY: AB
PAGE: 1 OF 1	CHKD BY: SS
SCALE: NTS	APRVD BY: KF
UNIT: mm [INCH]	(Pb)

# Mouser Electronics

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