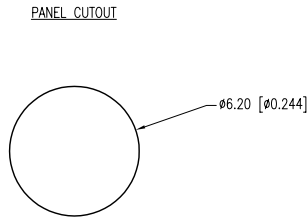
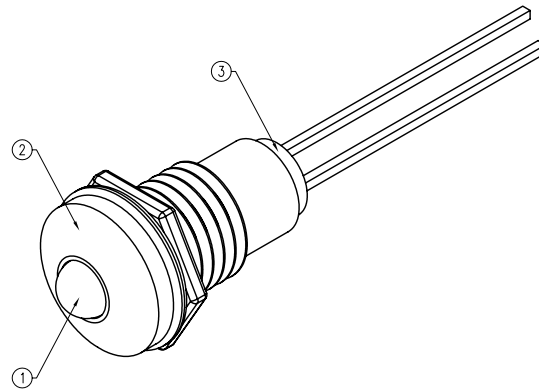
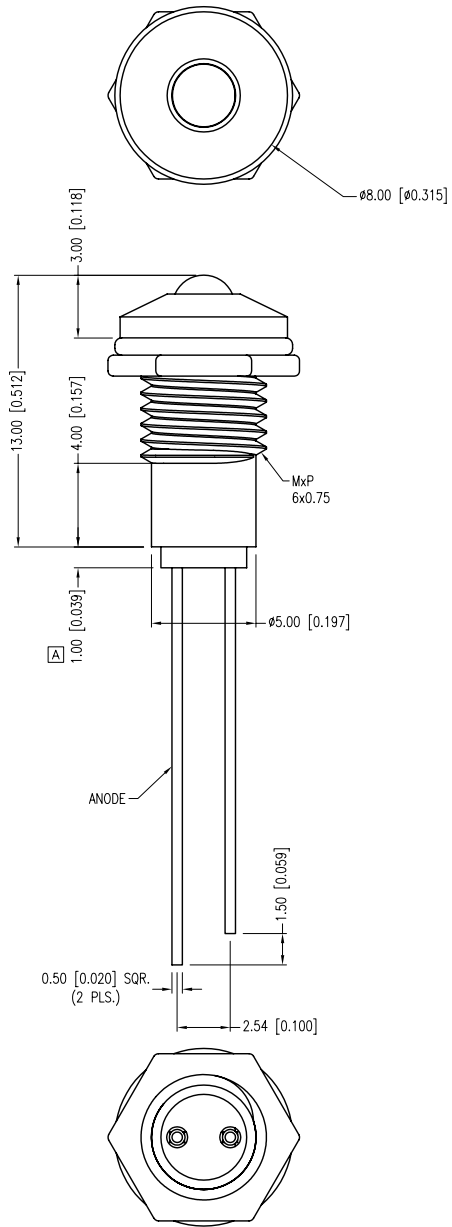


PART NUMBER	SSI-LXR3612GD	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
09.19.94	UPDATED SAFE OPER. SPECS AND NOTES.		A
05.16.95	ADDED BUSHING TO DRAWING.		B
01.04.02	E.C.N. #10BRDR. & REDRAWN IN 3D.		C
7.14.11	E.C.N. #10BRDR. & REDRAWN.		D



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$			$I_f=20\text{mA}$		
PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	$I_r=100\mu\text{A}$
AXIAL INTENSITY	14	30		mcd	$I_f=10\text{mA}$
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.

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

- [A] NOTES:
- SSL-LX3054GD, GREEN LED.
  - SSI-LXR3612, CHROME HOUSING.
  - SSH-LXH1612BSG, BUSHING, INSERT AND CRIMP.

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= <sup>+DECIMAL PRECISION</sup> <sub>-0.00</sub> MAX= <sup>+0.00</sup> <sub>-DECIMAL PRECISION</sub> UNCONTROLLED DOCUMENT

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T-3mm (T-1) 565nm GREEN 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:	KF
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		Ⓟ