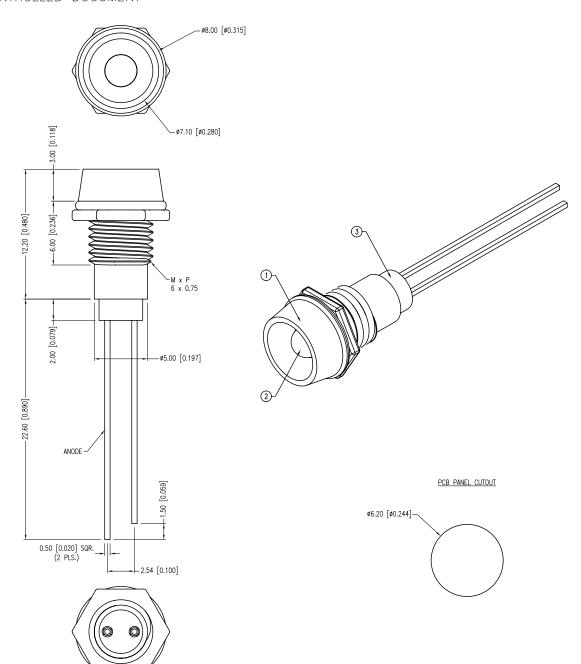
UNCONTROLLED DOCUMENT



PART NUMBER	SSI-LXR1612SRD	REV.	С
DATE	ATE E.C.N. NUMBER AND REVISION COMMENTS		REV.
09.19.94	UPDATED SAFE OPER. SPECS AND NOTES.		Α
10.23.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		В
07.14.11	F.C.N. #10BRDR. & REDRAWN.		С

ELECTRO-OPTICAL	CHARACTERISTICS To	=25°C	If=20mA		
PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.8	2.2	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100μA
AXIAL INTENSITY		80		mcd	lf=20mA
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH	H: RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS	_
PEAK FORWARD CURRENT*	150	mA	
STEADY CURRENT	30	mA	
POWER DISSIPATION	100	mW	
DERATE FROM 25°C	-1.2	mW/*C	
OPERATING TEMP.	-40 TO +85	·c	
STORAGE TEMP.	-40 TO +85	.C	
* t<10µS			_

NOTES:

- 1. SSI-LXR1612, CHROME HOUSING.
- 2. SSL-LX3054SRD, ULTRA SUPER BRIGHT RED 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= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ PRECISION MAX.= $^{+0.0$ INCONTROLLED DOCUMENT



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T-3mm (T-1) 660nm SUPER RED LED PANEL INDICATOR, RED DIFFUSED.

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
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	SCALE:	NTS	APRVD BY:	SS
	UNIT: mm [INCH]		Pb	