



**THE DATASHEET OF  
SSI-LXR1612SOD-150**



PART NUMBER	SSI-LXR1612SOD-150		REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.	
07.14.11	E.C.N. #10BRDR. & REDRAWN.		REV.	A

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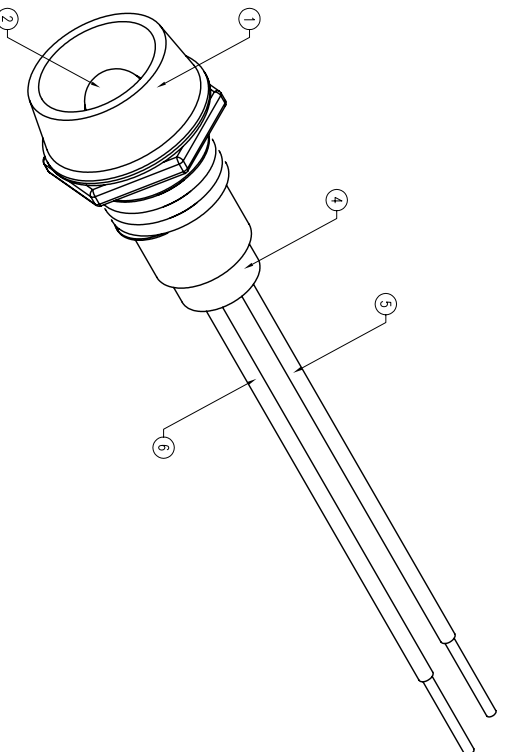
ELECTRO-OPTICAL CHARACTERISTICS I <sub>a</sub> =25°C				
PARAMETER	MIN	TYP	MAX	UNITS
				UNITS
PEAK WAVELENGTH		610		nm
FORWARD VOLTAGE		2.0	2.5	V <sub>F</sub>
REVERSE VOLTAGE	5.0			V <sub>R</sub>
AXIAL INTENSITY		900		mcad
VIEWING ANGLE		60		2x theta
EMITTED COLOR:	ORANGE			
EPOXY LENS FINISH:	ORANGE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C				
PARAMETER	MAX	UNITS		
PEAK FORWARD CURRENT*	195	mA		
STEADY CURRENT	30	mA		
POWER DISSIPATION	75	mW		
DERATE FROM 25°C	-1.6	mW/°C		
OPERATING TEMP.	-40 TO +85	°C		
STORAGE TEMP.	-40 TO +85	°C		

\* I<sub>c</sub> < 10μS

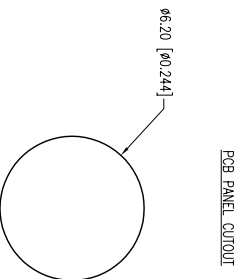
NOTES:

1. SSI-LXR1612, CHROME HOUSING.
2. SSI-LX3054SOD, ORANGE LED. TRIM LEADS TO 5mm.
3. SOLDER WIRE LEADS TO LED LEADS.
4. SSH-LXH1612BSS, BUSHING, INSERT AND CRIMP
5. ANODE LEAD: 26 AWG, STRANDED, RED INSULATION.
6. CATHODE LEAD: 26 AWG, STRANDED, BLACK INSULATION.



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[97]



PCB PANEL OUTPUT

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.= +0.000, DECIMAL PRECISION MAX.= +0.00, DECIMAL PRECISION MIN.= -0.00

HELEN ROAD  
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T-3mm (T-1) 610nm AllInGap ORANGE LED PANEL INDICATOR, ORANGE DIFFUSED LENS, 6" WIRE LEADS.

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

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



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