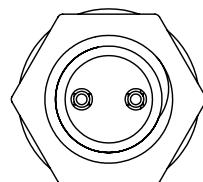
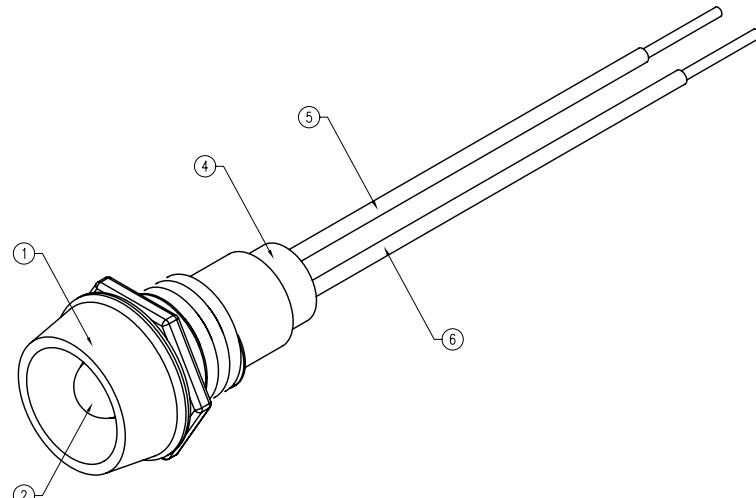
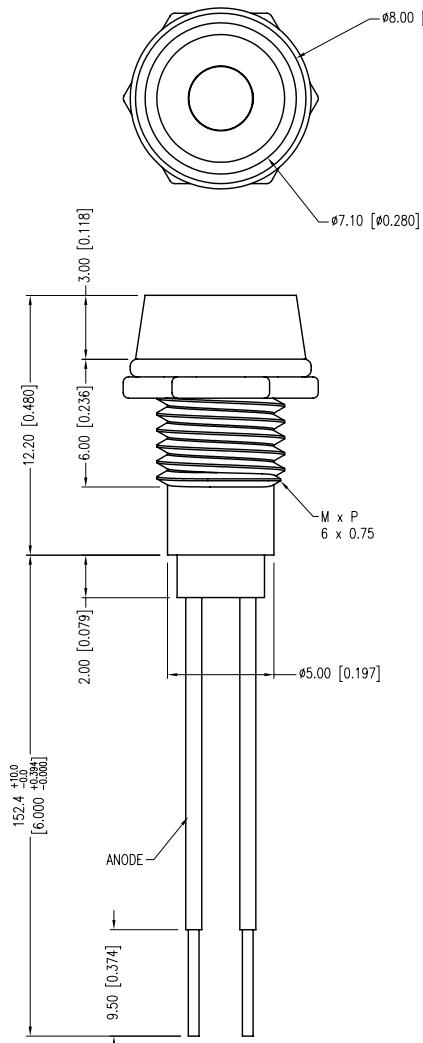
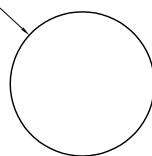


PART NUMBER	SSI-LXR1612ID5V150	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
07.14.11	E.C.N. #10BRDR. & REDRAWN.		A



PCB PANEL CUTOUT



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ C$		$V_f=5V$	
PARAMETER	MIN	TYP	MAX
PEAK WAVELENGTH		635	nm
FORWARD VOLTAGE		5.0	V_f
REVERSE VOLTAGE	5.0		7.0
AXIAL INTENSITY		20	V_r
VIEWING ANGLE	60		2x theta
EMITTED COLOR:	RED		Ir=100 μA VF=5V
EPOXY LENS FINISH:	RED DIFFUSED		2x theta

LIMITS OF SAFE OPERATION AT $25^\circ C$

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	7.0	V
STEADY CURRENT	12	mA
POWER DISSIPATION	310	mW
DERATE FROM $25^\circ C$	-1.2	mW/ $^\circ C$
OPERATING TEMP.	-40 TO +85	$^\circ C$
STORAGE TEMP.	-40 TO +85	$^\circ C$
SOLDERING TEMP.	+260	$^\circ C$
2.0mm FROM BODY	3	SEC. MAX.

NOTES:

- SSI-LXR1612, CHROME HOUSING.
- SSL-LX3054ID-5V, RED LED, TRIM LEADS TO 5mm.
- SOLDER WIRE LEADS TO LED LEADS.
- SSH-LXH1612BSC, BUSHING, INSERT AND CRIMP.
- ANODE LEAD: LXP-WST26RDTOC, 26 AWG, TINNED OVERCOAT, RED INSULATION. CUT 157mm LONG, STRIP END 2mm & 9.5mm.
- CATHODE LEAD: LXP-WST26BLTOC, 26 AWG, TINNED OVERCOAT, BLACK INSULATION. CUT 157mm LONG, STRIP END 2mm & 9.5mm.

*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= $^{+0.00}$ MAX= $^{+0.00}$ $^{+0.00}$ $^{+0.00}$

UNCONTROLLED DOCUMENT

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