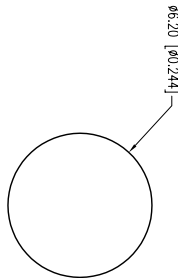
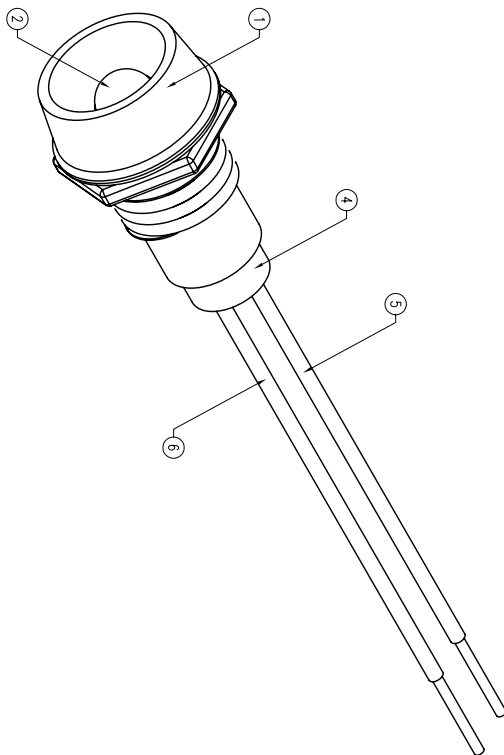
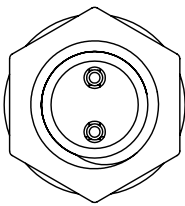
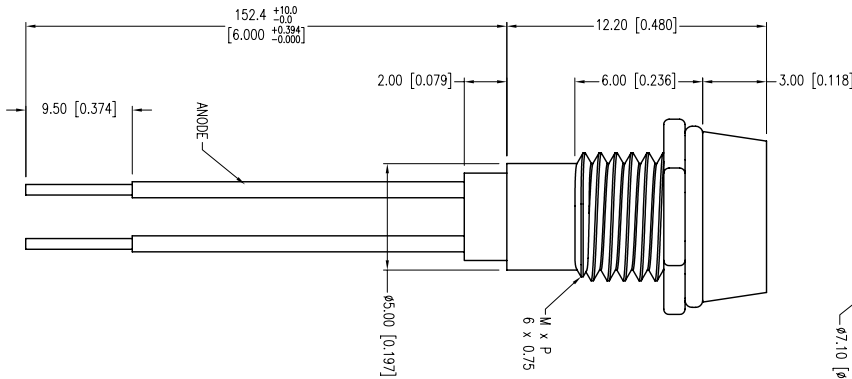
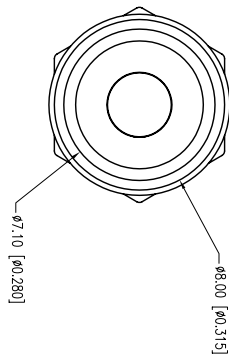


PART NUMBER	SSI-LXR1612ID-150	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
09.19.94	UPDATED SAFE OPER. SPECS AND NOTES.	A	
05.22.95	UPDATED DWG. & NOTES.	B	
10.16.01	E.C.N. #10BRDR. & REDRAWN IN 3D.	C	
07.14.11	E.C.N. #10BRDR. & REDRAWN.	D	



PCB PANEL OUTPUT

ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^{\circ}\text{C}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		635		nm
FORWARD VOLTAGE		2.0	2.5	V _F
REVERSE VOLTAGE	5.0			V _R
AXIAL INTENSITY		30		md
VIEWING ANGLE		60		2x theta
EMITTED COLOR:		RED		
EPoxy LENS FINISH:		RED DIFFUSED		

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	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.	+280	°C
2.0mm FROM BODY	3	SEC. MAX.
* I<10pA		

NOTES:

1. SSI-LXR1612, CHROME HOUSING.
2. SSI-LX3054D, RED LED, TRIM LEADS TO 5mm.
3. SOLDER WIRE LEADS TO LED LEADS.
4. SSI-LXR1612B5G, BUSHING, INSERT AND GRIP.
5. ANODE LEAD: 26 AWG, STRANDED, RED INSULATION.
6. CUT 157mm LONG, STRIP END 20mm & 95mm.
7. CATHODE LEAD: 26 AWG, STRANDED, BLACK INSULATION.
8. CUT 157mm LONG, STRIP END 20mm & 95mm.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.029), 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, DECIMAL PRECISION MAX.= +0.00, DECIMAL PRECISION

UNCONTROLLED DOCUMENT

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T-3mm (T-1) 635nm RED LED PANEL INDICATOR, RED 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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DATE: 07.14.11 DRAWN BY: AB
PAGE: 1 OF 1 CHKD BY: KF
SCALE: NTS APPVD BY: SS
UNIT: mm [INCH]