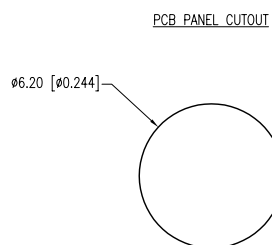
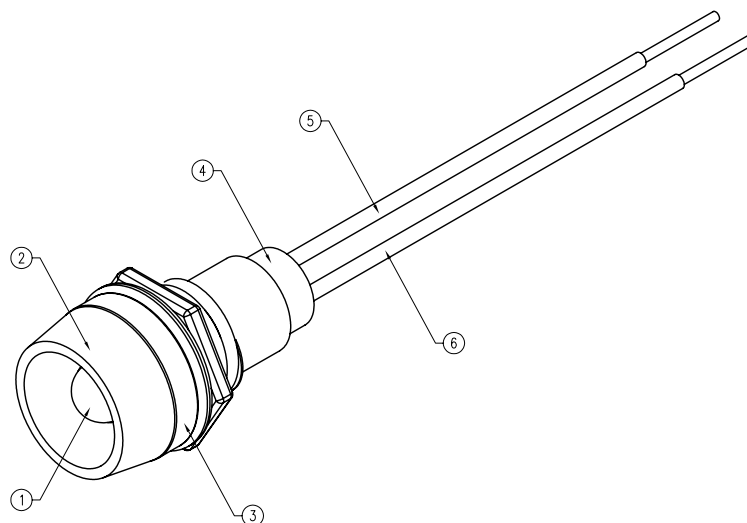
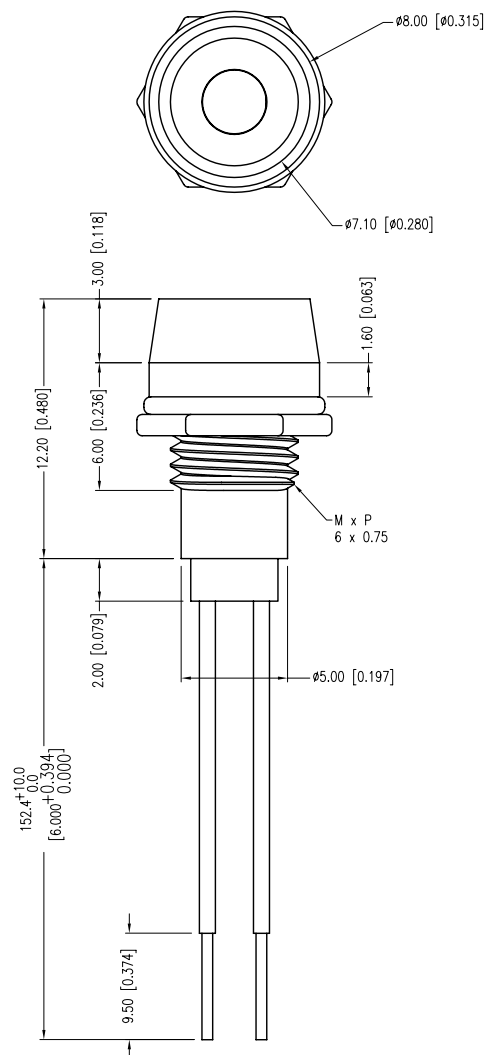


PART NUMBER	SSI-LXR1612SR150WR	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
07.14.11	E.C.N. #10BRDR. & REDRAWN.		A



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C			If=20mA	
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		525		nm
FORWARD VOLTAGE		3.5	4.0	Vf
REVERSE VOLTAGE	5.0			Vr
AXIAL INTENSITY		1640		mcd
VIEWING ANGLE		30		2x theta
EMITTED COLOR:	GREEN			
EPOXY LENS FINISH:	WATER CLEAR			

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	120	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. SSL-LX3054SR, RED LED. TRIM LEADS TO 5mm.
2. SSI-LXR1612, CHROME HOUSING.
3. LXP-WA-3612, RUBBER GASKET.
4. SOLDER WIRE TO LEADS.
5. SSH-LXH1612BSG, BUSHING. INSERT AND CRIMP.
6. ANODE: 26 AWG, STRANDED, RED INSULATION. CUT 157mm, STRIP ENDS 2mm & 9.5mm.
7. CATHODE: 26 AWG, STRANDED, BLACK INSULATION. CUT 157mm, STRIP ENDS 2mm & 9.5mm.
8. ASSEMBLE IN ORDER: LED, SILICON, THEN BUSHING.
9. WATER RESISTANT PER NEMA STANDARD 250 SECT. 6.7.

*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 PRECISION} _{-0.00} MAX= ^{DECIMAL PRECISION} _{-0.00}

UNCONTROLLED DOCUMENT



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T-3mm (T-1) 660nm RED LED PANEL INDICATOR, RED DIFFUSED, WATER RESISTANT 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	APRVD BY:	SS
UNIT:	mm [INCH]		Ⓟ

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