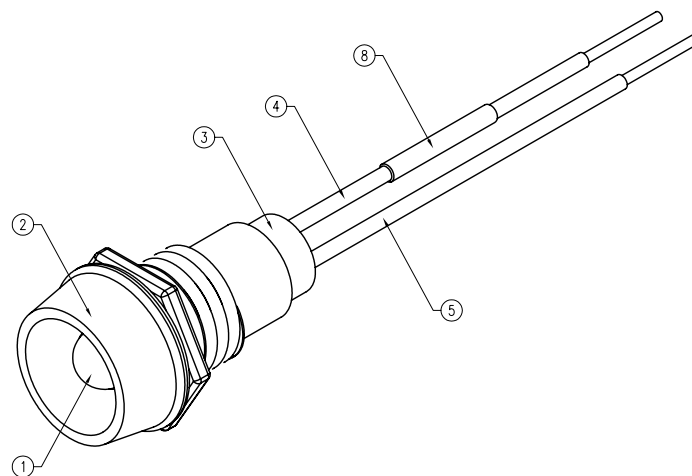
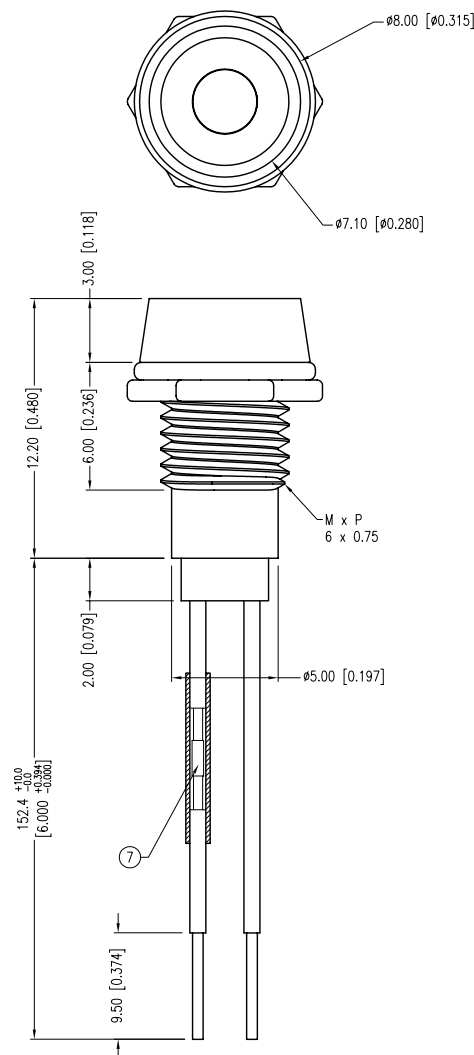
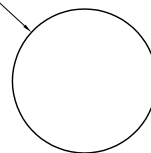


PART NUMBER	SSI-LXR1612ID24V15	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.18.01	E.C.N. #10BRDR. & REDRAWN.		A
07.14.11	E.C.N. #10BRDR. & REDRAWN.		B



PCB PANEL CUTOUT

 $\varnothing 6.20$ [0.244]

ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$			$V_f=24\text{V}$		
PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		24	28	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		30		mcd	$V_f=24\text{V}$
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 VOLTAGE	28	V
STEADY CURRENT	22	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	-1.6	mW/ $^\circ\text{C}$
OPERATING TEMP.	-40 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3	SEC. MAX.

NOTES:

1. SSL-LX3054ID, RED LED. TRIM LED LEADS TO 5mm.
2. SSI-LXR1612 CHROME HOUSING.
3. SSH-LXH1612BSG, BUSHING, INSERT AND CRIMP.
4. ANODE LEAD: LXP-WST26RDT, 26 AWG, STRANDED, RED INSULATION. CUT 45mm LONG, STRIP BOTH ENDS 2mm. CUT 103mm LONG, STRIP 2mm AND 9.5mm.
5. CATHODE LEAD: LXP-WST26BLT, 26 AWG, STRANDED, BLACK INSULATION. CUT 157mm LONG, STRIP END 2mm AND 9.5mm.
6. SOLDER LEAD WIRES TO LED LEADS.
7. LXP-RES 1000 1/2W, 1K OHM 1/2 WATT RESISTOR. TRIM LEADS OF RESISTOR 18mm END TO END.
8. INSULATE RESISTOR AND CRIMPS WITH HEATSHRINK. (1/8" x 1" LONG).

*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= $\begin{smallmatrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{smallmatrix}$ MAX.= $\begin{smallmatrix} +\text{DECIMAL PRECISION} \\ -\text{DECIMAL PRECISION} \end{smallmatrix}$

UNCONTROLLED DOCUMENT



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T-3mm (T-1) 635nm RED LED PANEL INDICATOR, RED DIFFUSED, 1K OHM 1/2W RESISTOR, 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]		(P)

Mouser Electronics

Authorized Distributor

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