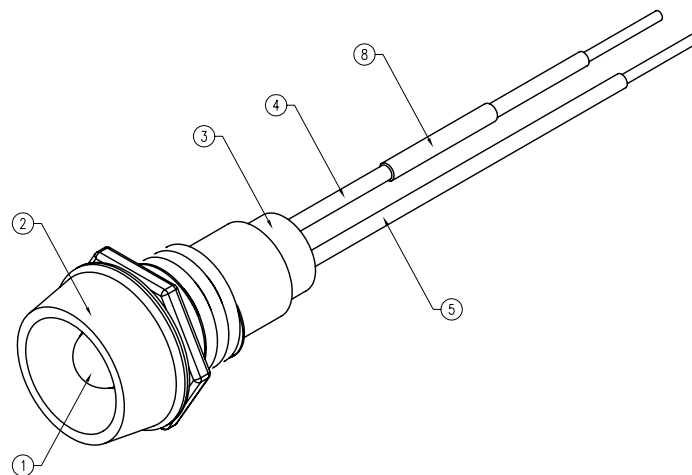
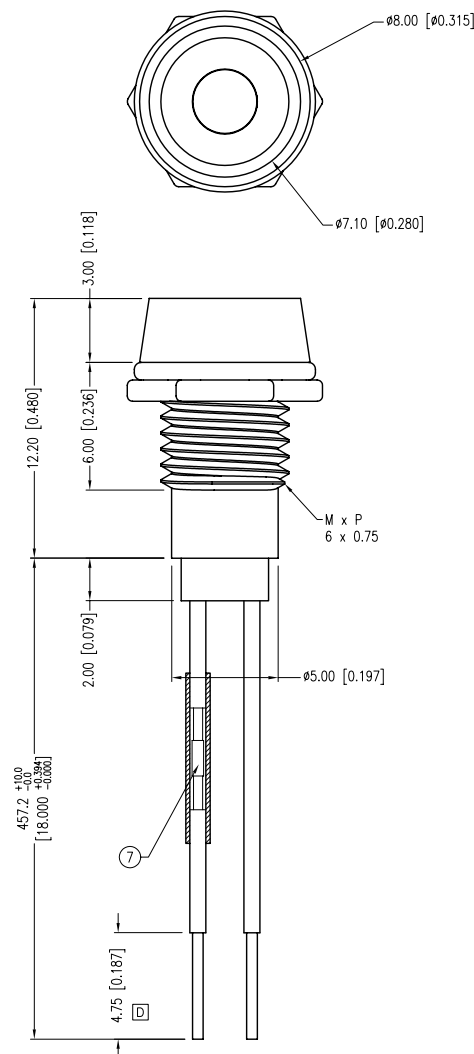


PART NUMBER	SSI-LXR1612IDQ7511	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.04.01	E.C.N. #10735.		A
10.18.01	E.C.N. #10BRDR. & REDRAWN.		B
07.14.11	E.C.N. #10BRDR. & REDRAWN.		C
12.12.11	E.C.N. #11781.		D



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 $25^\circ\text{C}$		
PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	28	V
STEADY CURRENT	22	mA
POWER DISSIPATION	310	mW
DERATE FROM $25^\circ\text{C}$	-1.6	$\text{mW}/^\circ\text{C}$
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.

## [A] 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 408.2mm LONG, STRIP 2mm AND 4.75mm.
5. CATHODE LEAD: LXP-WST26BLT, 26 AWG, STRANDED, BLACK INSULATION. CUT 465mm LONG, STRIP END 2mm AND 4.75mm.
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).

UNCONTROLLED DOCUMENT

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

<b>LUMEX</b> Creating LED and LCD Solutions Together™	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM	T-3mm (T-1) 635nm RED LED PANEL INDICATOR, RED DIFFUSED, 18" WIRE LEADS, 24V OPERATION.	DATE: 07.14.11	DRAWN BY: AB
			PAGE: 1 OF 1	CHKD BY: SS
			SCALE: NTS	APRVD BY: JD
			UNIT: mm [INCH]	Ⓟ

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

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