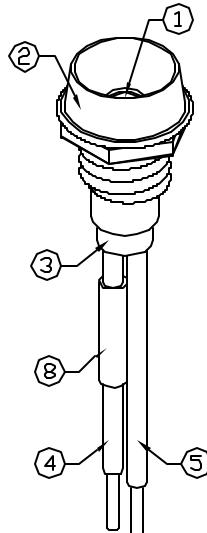
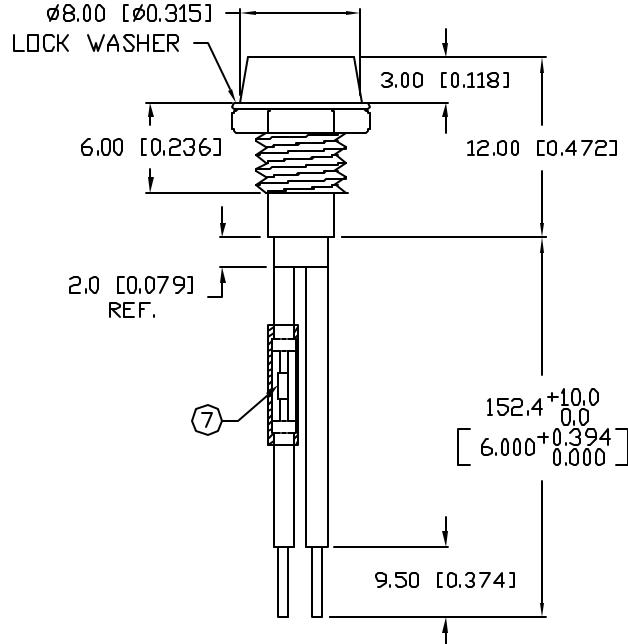


REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN.	10.18.01

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $V_f=24\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
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	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$

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, 2B 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), XX=±0.5 (± 0.020), XXX=±0.25 (± 0.010), XXXX=±0.127 (± 0.005). LEAD SIZE=±0.05 (± 0.002), LEAD LENGTH=±0.75 (± 0.30). MIN= $^{+0.00}$ MAX= $^{+0.00}$ $_{-0.00}$ DECIMAL PRECISION

REV.	PART NUMBER	CONFIDENTIAL INFORMATION	LUMEX	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw
A	SSI-LXR1612ID24V15			DRAWN BY: BC CHECKED BY: APPROVED BY: DATE: 7.8.99 PAGE: 1 OF 1 SCALE: N/A
	T-3mm (T-1) LED PANEL INDICATOR, 635nm RED LED, RED DIFFUSED LENS, 24 VOLT OPERATION, WITH 6" WIRE LEADS.	RELIABILITY NOTE OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.		

Mouser Electronics

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