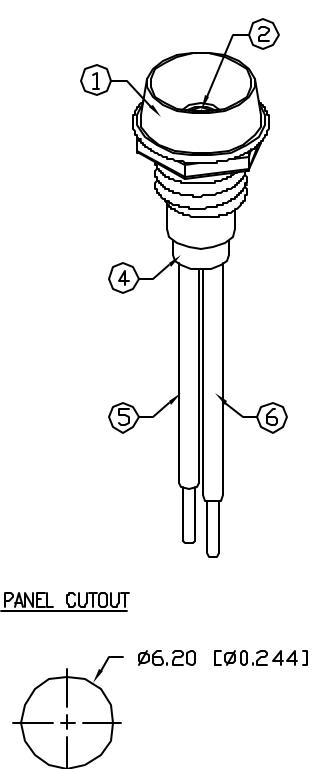
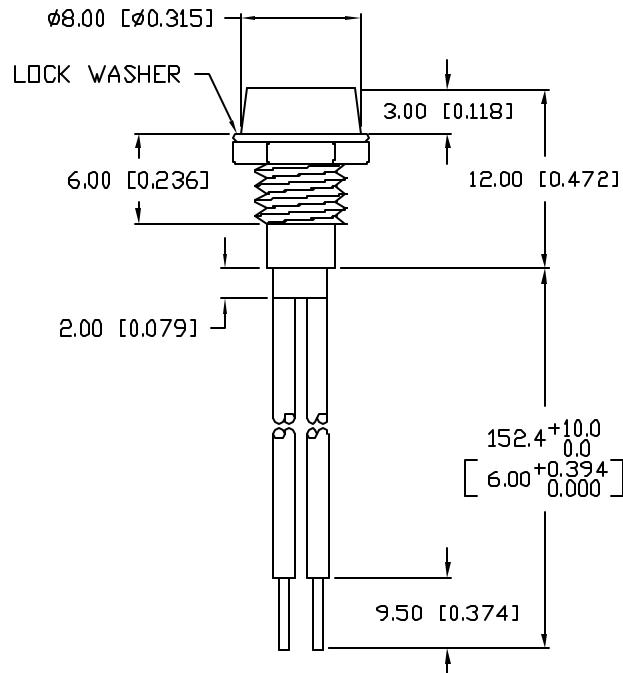


REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN IN 3D.	10.23.01

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $V_f=12\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		12.0	14.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY	70			mcd	$V_f=12\text{V}$
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	14	V
STEADY CURRENT	10	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. SSI-LXR1612, CHROME HOUSING.
2. SSL-LXJ054SRD-12V, RED LED, TRIM LEADS TO 5mm.
3. SOLDER WIRE LEADS TO LED LEADS.
4. SSH-LXH1612BSG, BUSHING, INSERT AND CRIMP.
5. ANODE LEAD: LXP-WST26RDT0C, 26 AWG, TINNED OVERCOAT, RED INSULATION. CUT 157mm LONG, STRIP END 2mm & 9.5mm.
6. CATHODE LEAD: LXP-WST26BLT0C, 26 AWG, TINNED OVERCOAT, BLACK INSULATION. CUT 157mm LONG, STRIP END 2mm & 9.5mm.

REV.	PART NUMBER
A	SSI-LXR1612SRD12V6

T-3mm (T-1) 660nm SUPER RED LED PANEL INDICATOR,
RED DIFFUSED LENS, 6" WIRE LEADS, 12V OPERATION.

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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.

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 8.6.96
BC			PAGE: 1 OF 1 SCALE: N/A



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