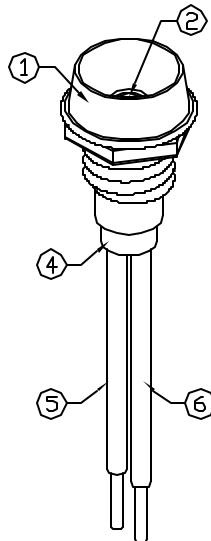
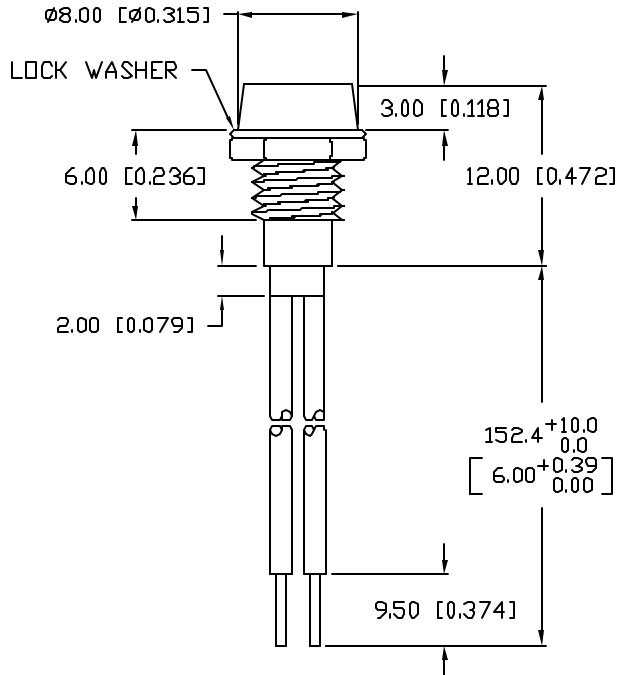
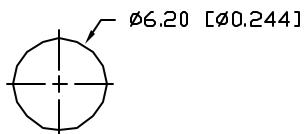


REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN IN 3D.	10.16.01



PANEL CUTOUT



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH	700 (RED)	nm		
	565 (GREEN)	nm		
FORWARD VOLTAGE (R/G)	2.0/2.2	2.5/2.6	Vf	
REVERSE VOLTAGE	5.0		Vr	If=100µA
AXIAL INTENSITY (R/G)	3/4		mcd	If=20mA
VIEWING ANGLE	60		2x theta	
EMITTED COLOR:	RED/GREEN			
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED			

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT		25	mA
POWER DISSIPATION (R/G)		120/105	mW
DERATE FROM 25°C		-1.6	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C

\* t&lt;10µs

## NOTES:

1. SSI-LXR1612, CHROME HOUSING.
2. SSL-LX3054HGW, RED/GREEN LED. TRIM LEADS TO 5mm.
3. SOLDER WIRE LEADS TO LED LEADS.
4. SSH-LXH1612BSG, BUSHING, INSERT AND CRIMP.
5. RED ANODE: 26 AWG, STRANDED, RED INSULATION.  
CUT 157mm LONG, STRIP END 2mm & 9.5mm.
6. GREEN ANODE: 26 AWG, STRANDED, BLACK INSULATION.  
CUT 157mm LONG, STRIP END 2mm & 9.5mm.

## UNCONTROLLED DOCUMENT

\*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 (±0.030). MIN= <sup>+0.00</sup><sub>-0.00</sub> DECIMAL PRECISION MAX= <sup>+0.00</sup><sub>-0.00</sub> DECIMAL PRECISION

REV.	PART NUMBER
A	SSI-LXR1612HGW-150
T-3mm (T-1) RED/GREEN BICOLOR LED PANEL INDICATOR, MILKY WHITE DIFFUSED LENS, 6" WIRE LEADS.	

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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.



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