

UNCONTROLLED DOCUMENT

PART NUMBER

SSI-LXR3612BID-150

REV.

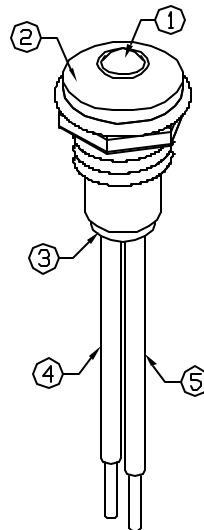
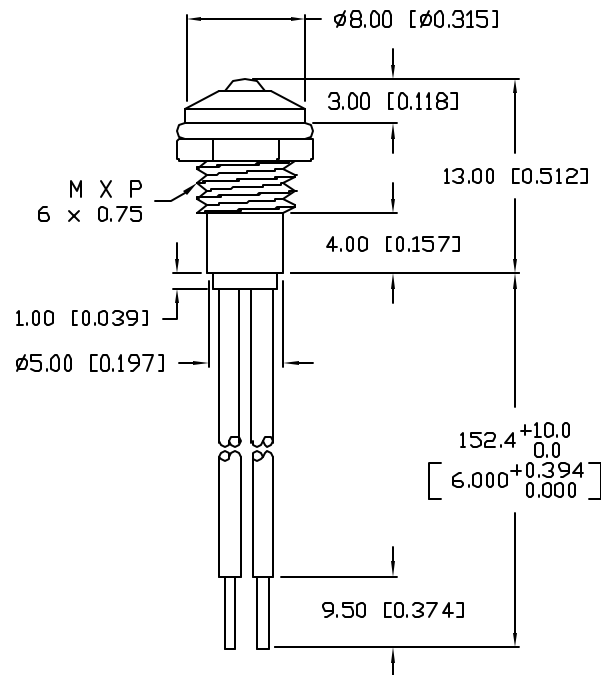
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REV. E.C.N. NUMBER AND REVISION COMMENTS

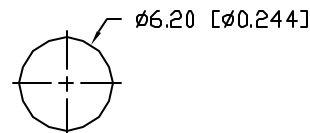
DATE

A E.C.N. #10BRDR. & REDRAWN IN 3D.

1.4.02



PANEL CUTOUT



NOTES:

1. SSL-LX3054BID LED, TRIM LEADS TO 5mm.
2. SSI-LXR3612 HOLDER, CHROME FINISH.
3. ANODE LEAD: LXP-WST26RDT0C, 26 AWG. STRANDED, RED INSULATION, CUT TO 157mm LONG, STRIP ENDS 2mm AND 9.5mm.
4. CATHODE LEAD: LXP-WST26BLT0C, 26 AWG. STRANDED, BLACK INSULATION, CUT TO 157mm LONG, STRIP ENDS 2mm AND 9.5mm.
5. SSH-LXH1612BSG, BUSHING. INSERT AND CRIMP.
6. SOLDER LED LEADS TO WIRE LEADS.

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		3.0	14.0	V _f	
BLINKING FREQUENCY:		1.5		Hz	V _f =14.0, I _f =70mA
		2.5		Hz	V _f =3.0, I _f =6mA
AXIAL INTENSITY		6		mcd	V _f =9.0
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT	70	mA
FORWARD VOLTAGE	14	V
POWER DISSIPATION	280	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

*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=+0.00 DECIMAL PRECISION MAX=-0.00 DECIMAL PRECISION

REV.

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SSI-LXR3612BID-150

T-3mm (T-1) 635nm RED BLINKING LED PANEL INDICATOR,
RED DIFFUSED LENS, WITH 6" WIRE LEADS.

CONFIDENTIAL INFORMATION

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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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BC

CHECKED BY:

APPROVED BY:

DATE: 3.10.00

PAGE: 1 OF 1

SCALE: N/A