

UNCONTROLLED DOCUMENT

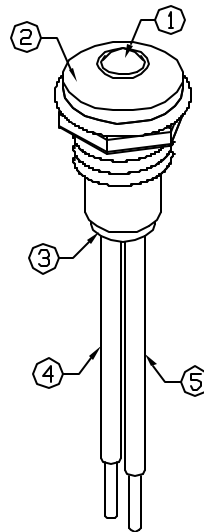
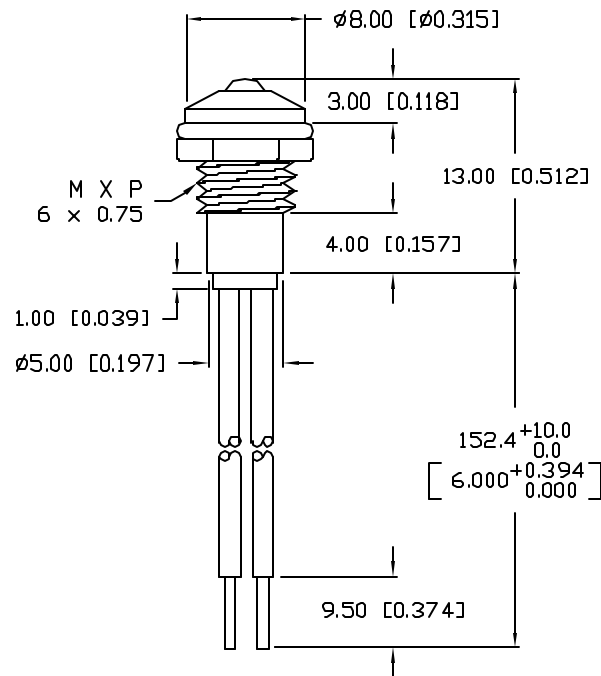
PART NUMBER

SSI-LXR3612GD-150

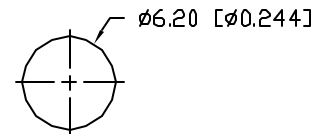
REV.

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REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	UPDATED SAFE OPER. SPECS.	11.17.92
B	UPDATED SAFE OPER. SPECS AND NOTES.	9.19.94
C	UPDATED DRAWING AND NOTES.	5.16.95
D	CHG'D WIRE SIZE.	6.23.95
E	E.C.N. #10BRDR. & REDRAWN IN 3D.	10.30.01



PANEL CUTOUT



NOTES:

1. SSL-LX3054GD, GREEN LED, TRIM LEADS TO 5mm.
2. SSI-LXR3612 HOLDER, CHROME FINISH.
3. SSH-LXH1612BSC, BUSHING, INSERT AND CRIMP.
4. ANODE LEAD: LXP-WST26RDT0C, 26 AWG. STRANDED, RED INSULATION, CUT TO 157mm LONG, STRIP ENDS 2mm AND 9.5mm.
5. CATHODE LEAD: LXP-WST26BLT0C, 26 AWG. STRANDED, BLACK INSULATION, CUT TO 157mm LONG, STRIP ENDS 2mm AND 9.5mm.
6. SOLDER LED LEADS TO WIRE LEADS.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		30		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
▲ PEAK FORWARD CURRENT*	150	mA
▲ STEADY CURRENT	25	mA
▲ POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	mW/ $^{\circ}\text{C}$
▲ OPERATING, STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$

* $t < 10\mu\text{s}$

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

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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.



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

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T-3mm (T-1) 565nm GREEN LED PANEL INDICATOR,
GREEN DIFFUSED LENS, WITH 6" WIRE LEADS.

DRAWN BY:

BC

CHECKED BY:

APPROVED BY:

DATE: 10.12.92

PAGE: 1 OF 1

SCALE: N/A