

UNCONTROLLED DOCUMENT

PART NUMBER

SSI-LXR3612GD5V150

REV.

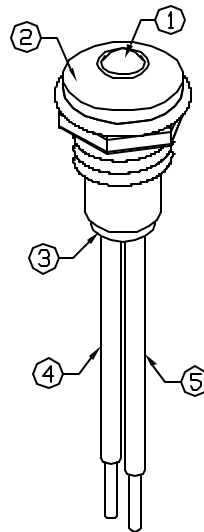
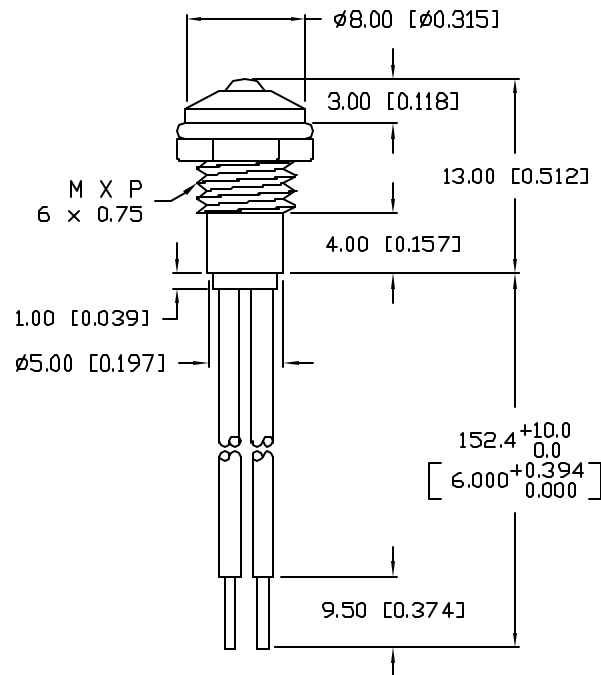
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REV. E.C.N. NUMBER AND REVISION COMMENTS

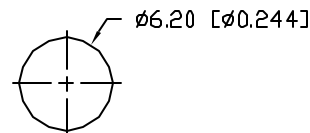
DATE

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

10.30.01



PANEL CUTOUT



NOTES:

1. SSL-LX3054GD-5V, GREEN LED, TRIM LEADS TO 5mm.
2. SSI-LXR3612 HOLDER, CHROME FINISH.
3. SSH-LXH1612BSG, BUSHING, INSERT AND CRIMP.
4. ANODE LEAD: LXP-WST26BDT0C, 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 $T_A=25^\circ\text{C}$ $V_f=5\text{ V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		5.0	7.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		15		mcd	$V_f=5\text{ V}$
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 VOLTAGE	7	V
STEADY CURRENT	12	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	-1.6	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$

*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.= $^{+0.00}_{-0.00}$ DECIMAL PRECISION MAX.= $^{+0.00}_{-0.00}$ 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.



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A

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

DRAWN BY:

BC

CHECKED BY:

APPROVED BY:

DATE: 8.11.95

PAGE: 1 OF 1

SCALE: N/A

Mouser Electronics

Authorized Distributor

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