

UNCONTROLLED DOCUMENT

PART NUMBER

SSI-LXR3612GD150WR

REV.

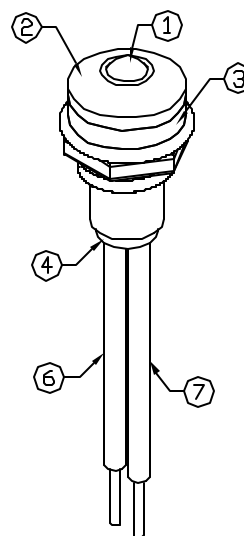
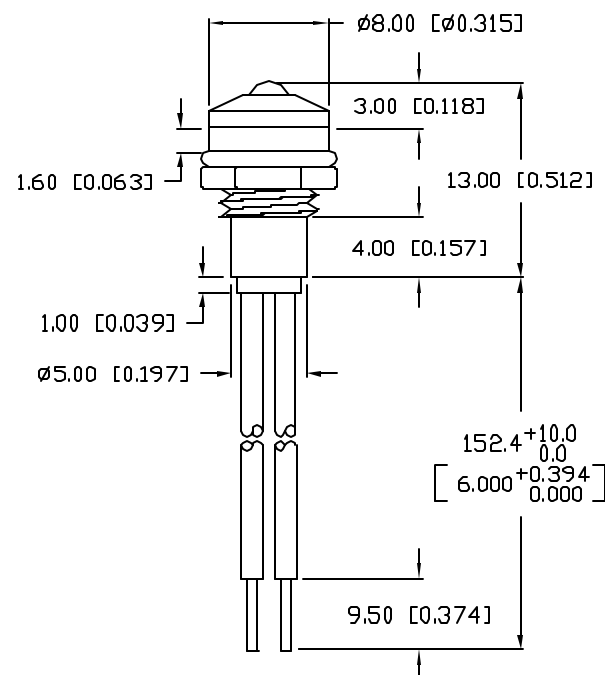
A

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

DATE

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

1.4.02

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		mcad	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

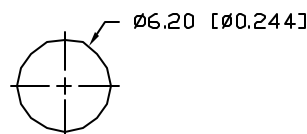
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	mW/ $^{\circ}\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$

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

NOTES:

1. SSL-LX3064GD, GREEN LED. TRIM LEADS TO 5mm.
2. SSI-LXR3612, CHROME HOUSING.
3. LXP-WA-3612, RUBBER GASKET.
4. SSH-LXH1612BSG, BUSHING. INSERT AND CRIMP.
5. ASSEMBLE IN ORDER: LED, SILICON, THEN BUSHING.
6. ANODE LEAD: LXP-WST26RDT0C, 26 AWG., STRANDED, RED INSULATION. CUT 157mm LONG, STRIP ENDS 2mm & 9.5mm.
7. CATHODE LEAD: LXP-WST26BLT0C, 26 AWG., STRANDED, BLACK INSULATION. CUT 157mm LONG, STRIP ENDS 2mm & 9.5mm.
8. WATER RESISTANT PER NEMA STANDARD 250 SECTION 6.7.

PANEL CUTOUT



*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 -0.00 -DECIMAL PRECISION

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SSI-LXR3612GD150WR

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

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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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PAGE: 1 OF 1

SCALE: N/A

Mouser Electronics

Authorized Distributor

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