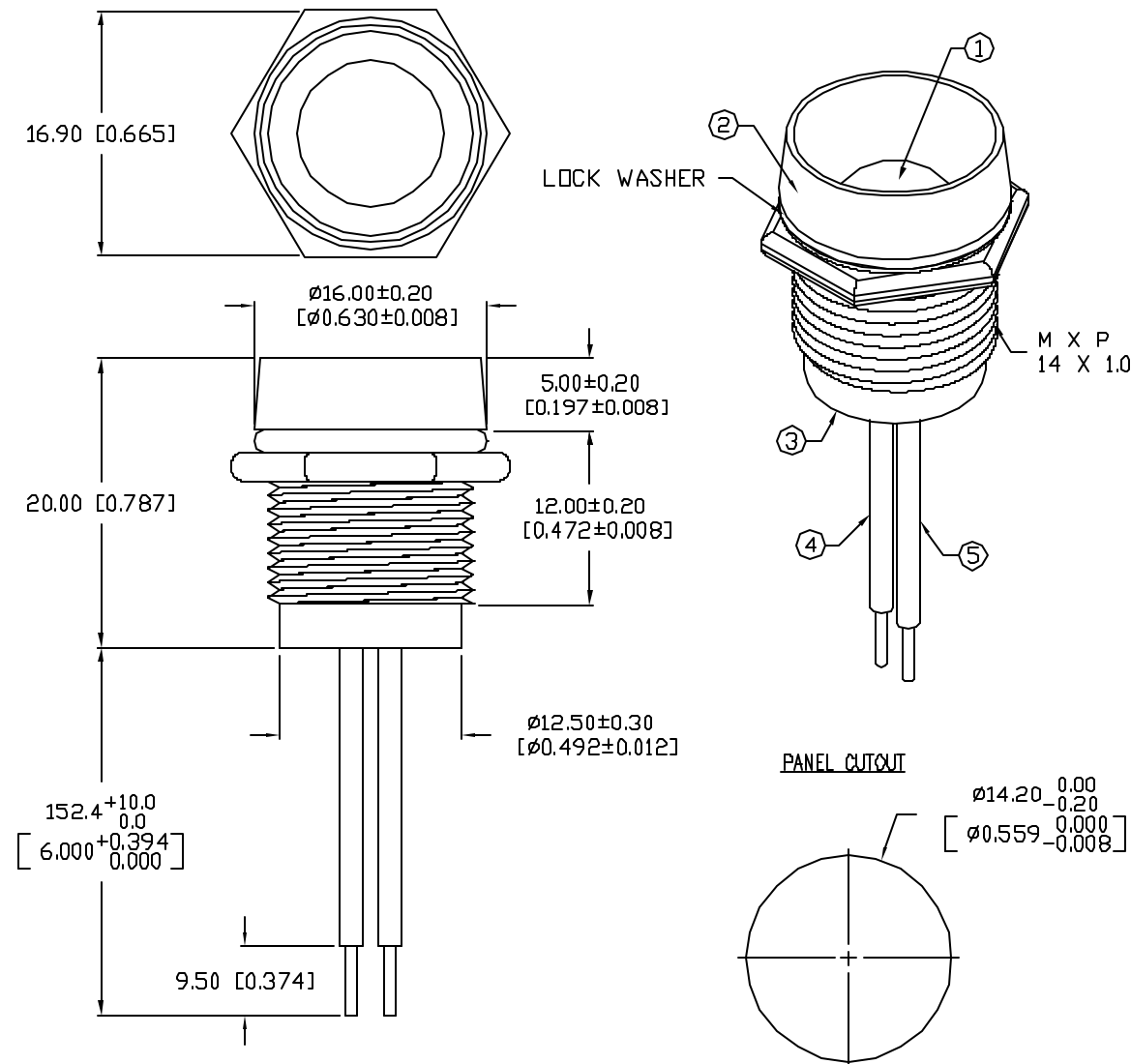


UNCONTROLLED DOCUMENT



PART NUMBER		REV.
SSI-LXR4915ID-150		B
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN IN 3D.	1.2.02
B	E.C.N. #10857.	4.25.02

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_f=100\mu\text{A}$
AXIAL INTENSITY		40		med	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR: RED					
EPOXY LENS FINISH: RED DIFFUSED					

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$ 

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM $25^\circ\text{C}$	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$

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

## NOTES:

1. SSL-LX100133ID, RED LED.
2. SSI-LXR4915, CHROME HOUSING.
3. NEOPRENE RUBBER BUSHING.
4. ANODE LEAD: LXP-WST24RDTCC, 24 AWG STRANDED, RED INSULATION, CUT 142mm LONG, STRIP 3mm & 9.5mm.
5. CATHODE LEAD: LXP-WST24BLTCC, 24 AWG STRANDED, BLACK INSULATION, CUT 142mm, STRIP 3mm & 9.5mm.
6. LXP-HEATSHRINK-2; 1/16" X 37mm (2 PCS.)

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\*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 MAX.=+0.00/-0.00

REV.

B

PART NUMBER

SSI-LXR4915ID-150

10mm, 635nm RED LED PANEL INDICATOR,  
RED DIFFUSED LENS, 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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DATE: 4.9.99

PAGE: 1 OF 1

SCALE: N/A