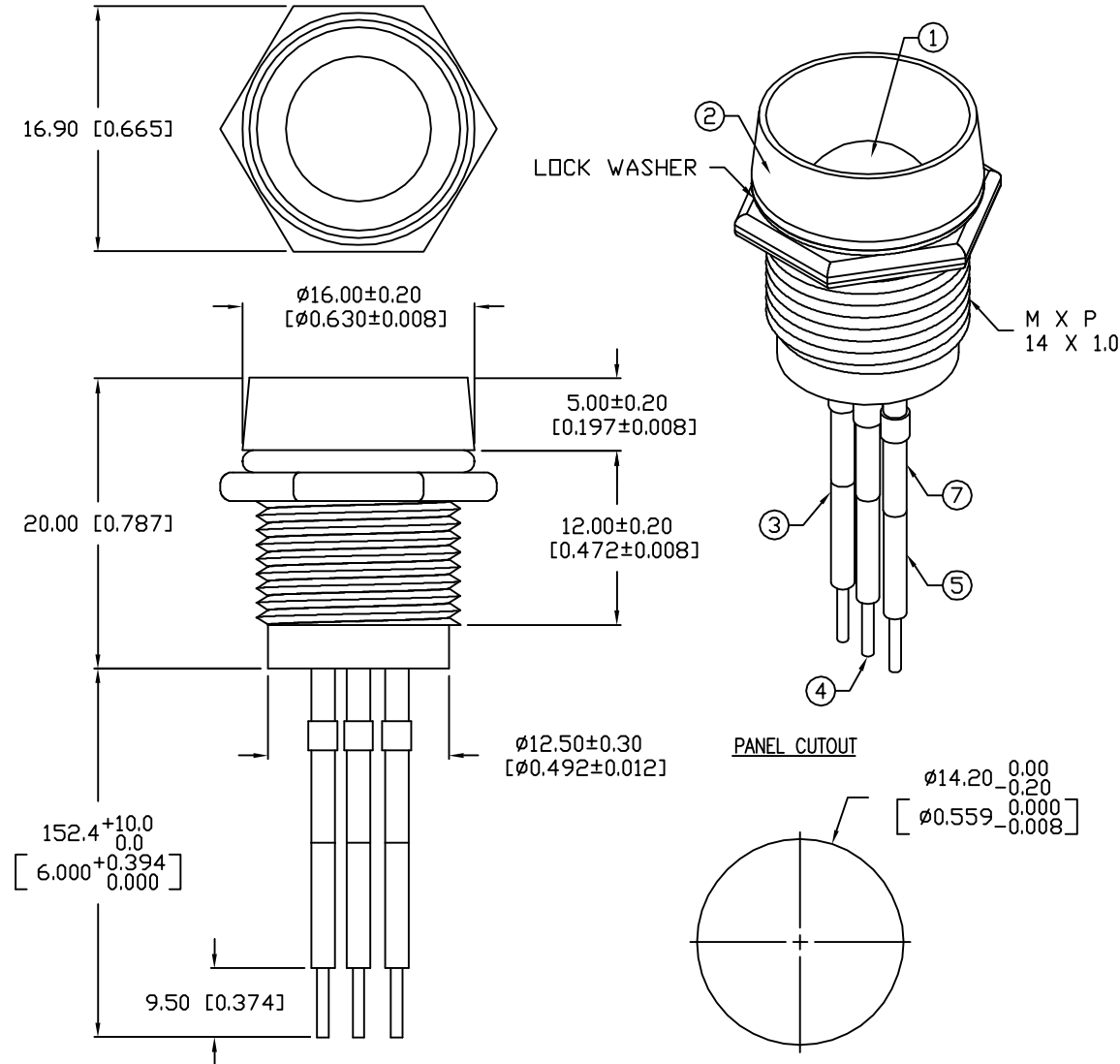


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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.= +DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION

PART NUMBER
SSI-LXR4915IGW3150

REV.
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. #11600.	11.20.09

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (R/G)		20		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:		RED/GREEN			
EPOXY LENS FINISH:		MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

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

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

NOTES:

1. SSL-LX100139IGW, RED/GREEN LED.
2. SSI-LXR4915, CHROME HOUSING.
3. RED ANODE: LXP-WST24RDT0C, CUT 150mm, STRIP 3mm & 9.5mm.
4. COMMON CATHODE: LXP-WST24BLT0C, CUT 150mm STRIP 3mm & 9.5mm.
5. GREEN ANODE: LXP-WST24GRT0C, CUT 150mm STRIP 3mm & 9.5mm.
6. CRIMP WIRE LEADS TO LED LEADS.
7. LXP-HEATSHRINK-2, HEATSHRINK. (3 PCS.)
8. UV OR SILICONE GLUE LED INTO HOUSING.



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10mm, RED/GREEN LED PANEL INDICATOR,
MILKY WHITE DIFFUSED, 6" WIRE LEADS, COMMON CATHODE.

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.

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 4.30.97
BC			PAGE: 1 OF 1
			SCALE: N/A

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