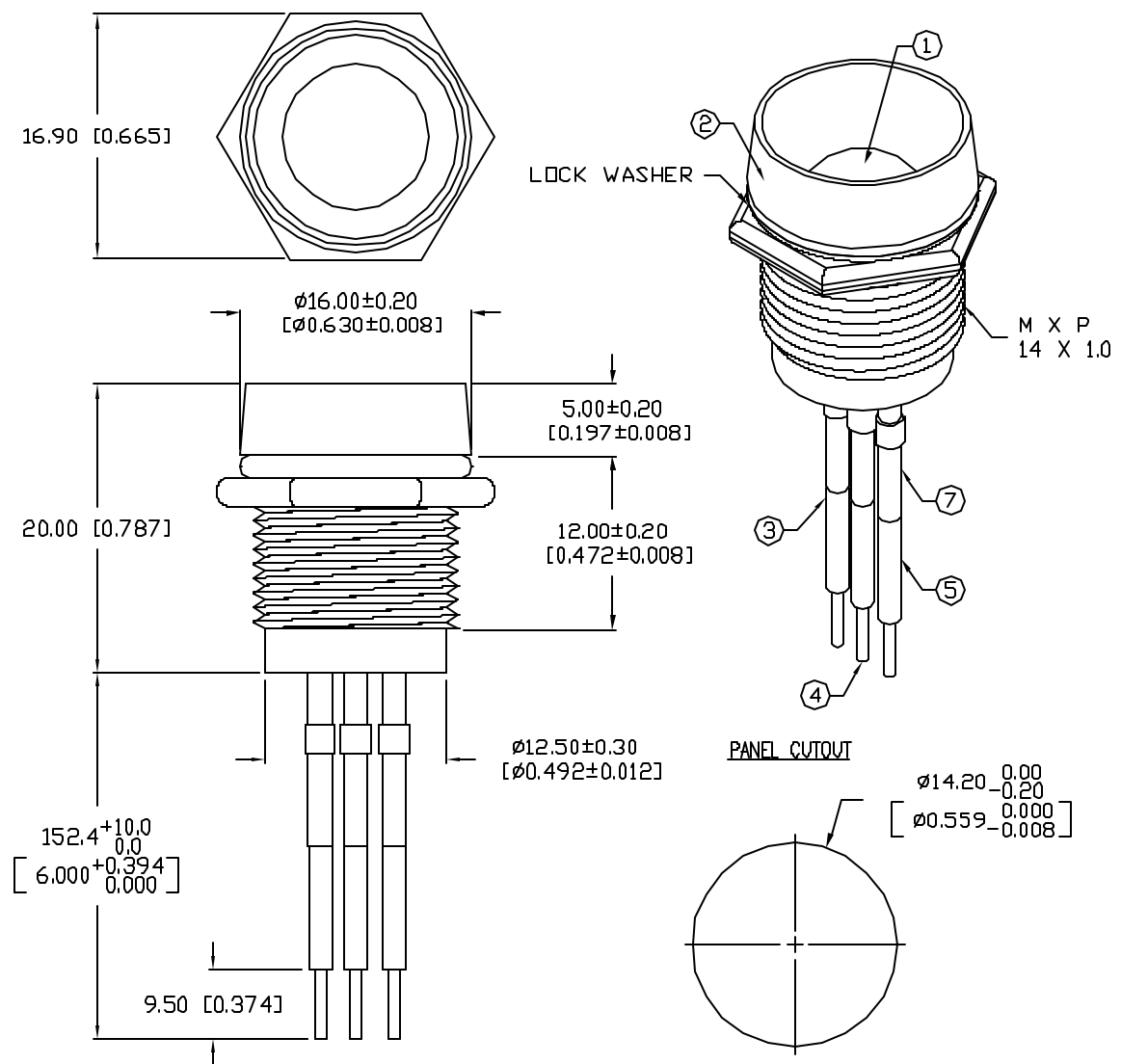


UNCONTROLLED DOCUMENT

PART NUMBER		REV.
SSI-LXR4915IGW3150		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN IN 3D.	1.2.02



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (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 μ A
AXIAL INTENSITY (R/G)		20		mcd	I _f =20mA
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	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C

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

NOTES:

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

UNCONTROLLED DOCUMENT

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

REV.	PART NUMBER
A	SSI-LXR4915IGW3150
10mm, RED/GREEN LED PANEL INDICATOR, MILKY WHITE DIFFUSED, 6" WIRE LEADS, COMMON CATHODE.	

CONFIDENTIAL INFORMATION
 THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC, THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

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