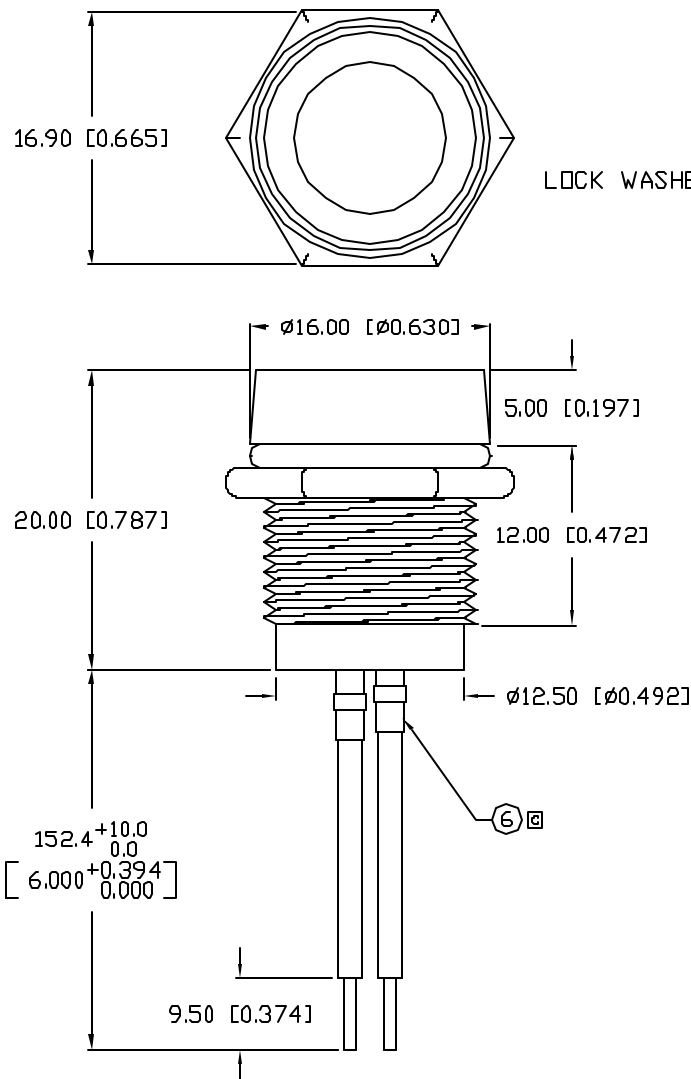
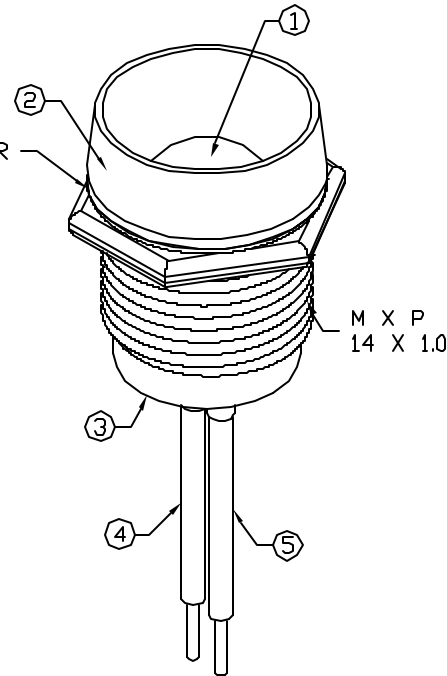


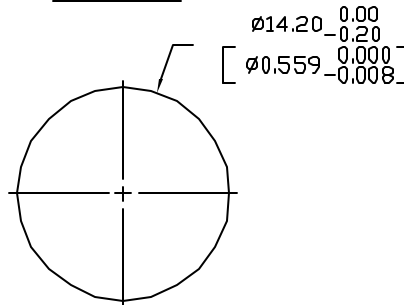
UNCONTROLLED DOCUMENT



LOCK WASHER



PANEL CUTOUT

PART NUMBER
SSI-LXR4915YD-150REV.
D

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
C	E.C.N. #10907.	9.17.02
D	E.C.N. #10919.	10.22.02

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2.1	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		30		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

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

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

NOTES:

1. SSL-LX100133YD, YELLOW LED UNCUT LEADS.
2. SSI-LXR4915, CHROME HOUSING.
3. NEOPRENE RUBBER BUSHING.
4. ANODE LEAD: LXP-WST24RDT0C, 24 AWG STRANDED, RED INSULATION, CUT 142mm LONG, STRIP 3mm & 9.5mm.
5. CATHODE LEAD: LXP-WST24BLT0C, 24 AWG STRANDED, BLACK INSULATION, CUT 142mm, STRIP 3mm & 9.5mm.
6. LXP-HEATSHRINK-2; 1/16" X 37mm (2 PCS.)
7. LED IS SECURED INSIDE HOLDER WITH UV GLUE THEN, INSERT BUSHING.

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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} DECIMAL PRECISION MAX= ^{+0.00}_{-0.00} DECIMAL PRECISION

REV.

D

PART NUMBER

SSI-LXR4915YD-150

10mm, 585nm YELLOW LED PANEL INDICATOR,
YELLOW 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.



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

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