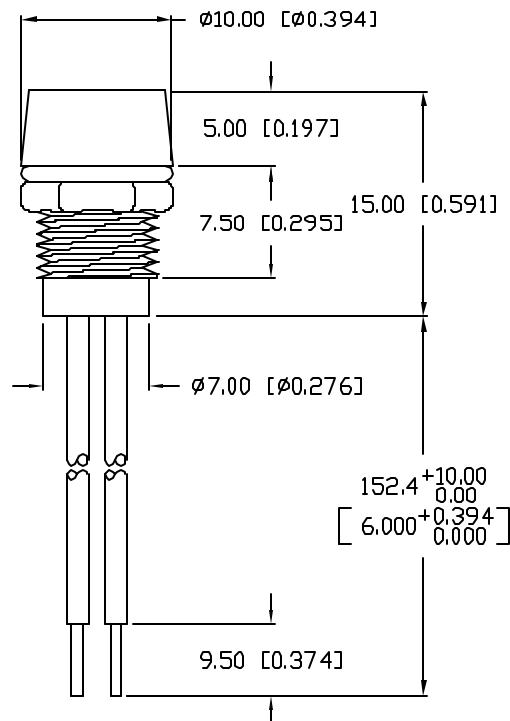
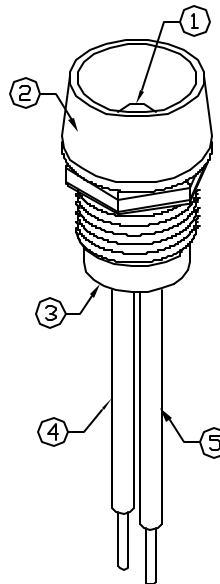


UNCONTROLLED DOCUMENT

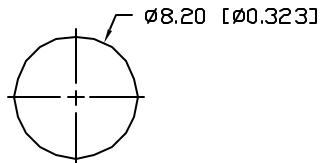


NOTES:

- ③ 1. SSL-LX5063HCW, RED/GREEN LED. TRIM LEADS TO 5mm.
- 2. SSI-LXR4815, CHROME HOUSING.
- 3. SSH-LXH4815BSG, BLACK NYLON BUSHING. (NOT SEEN)
- ④ 4. RED ANODE LEAD: LXP-WST24RDTQC, RED INSULATION, 160mm LONG, STRIP 2mm & 9.5mm.
- ⑤ 5. GREEN ANODE LEAD: LXP-WST24BLTQC, BLACK INSULATION, 160mm LONG, STRIP 2mm & 9.5mm.



PANEL CUTOUT



PART NUMBER  
SSI-LXR4815HGW-150

REV.  
D

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	REDRAWN, UPDATED SAFE OPER. SPECS.	10.27.94
B	CORRECTED WIRE STRIP LENGTH.	11.17.94
C	E.C.N. #10674.	10.30.00
D	E.C.N. #10BRDR. & REDRAWN IN 3D.	1.10.02

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V <sub>f</sub>	
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>r</sub> =100μA
AXIAL INTENSITY (R/G)		5/8		mcd	I <sub>f</sub> =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		25	mA
POWER DISSIPATION	(R/G)	120/105	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C

\*  $t < 10 \mu s$

UNCONTROLLED DOCUMENT

\*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.= $\frac{+0.00}{-0.00}$  PRECISION MAX.= $\frac{+0.00}{-0.00}$  PRECISION

REV.

PART NUMBER



SS1-LXR4815HGW-150

T-5mm RED/GREEN LED PANEL INDICATOR LED,  
MILKY WHITE DIFFUSED LENS, WITH 6" WIRE LEADS.

**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 DISEMINATION 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](http://www.lumex.com)  
TW WEB: [www.lumex.com.tw](http://www.lumex.com.tw)

DRAWN BY:

CHECKED BY:

APPROVED BY:

DATE: 11.6.90

BC

PAGE: 1 OF 1

SCALE: N/A

---