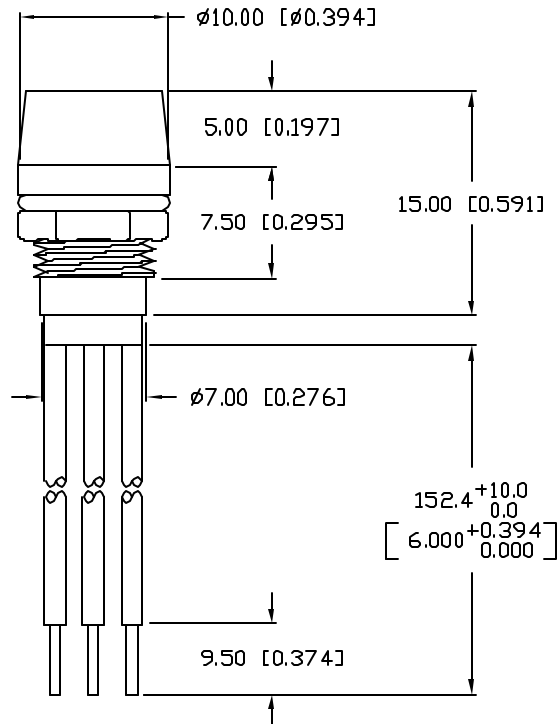
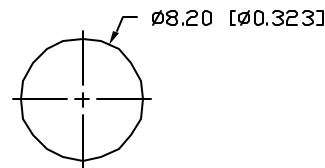


NOTES:

1. SSL-LX5099SISUC, RED/GREEN LED. TRIM LEADS TO 7mm.
2. SSI-LXR4815, CHROME HOUSING.
3. LXP-WA-3816, RUBBER GASKET.
4. SSH-LXH4815BSG-3, BLACK NYLON BUSHING.
5. RED ANODE LEAD: LXP-WST24RDTG, RED INSULATION, CUT 160mm, STRIP 4.0mm & 9.0mm.
6. COMMON CATHODE LEAD: LXP-WST24BLTG, BLACK INSULATION, CUT 160mm, STRIP 4.0mm & 9.0mm.
7. GREEN ANODE LEAD: LXP-WST24GRTOG, GREEN INSULATION, CUT 160mm, STRIP 4.0mm & 9.0mm.
8. THREAD LEADS THROUGH BUSHING, INSERT INTO HOUSING, BACKFILL WITH SILICON ADEHESIVE, INSERT BUSHING INTO HOUSING, CRIMP INTO PLACE.
9. WATER RESISTANT PER NEMA STANDARD 250, SECTION 6.7.
10. NO EXPOSED WIRE ALLOWED BEYOND END OF BUSHING.

PANEL CUTOUT

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636 (RED)		nm	
		574 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.1	2.5	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100μA
AXIAL INTENSITY (R/G)		1300/700		md	I _f =20mA
VIEWING ANGLE		24		2x theta	
EMITTED COLOR:		RED/GREEN			
EPOXY LENS FINISH:		WATER CLEAR			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(R/G)	185/205	mA
STEADY CURRENT	(R/G)	30/25	mA
POWER DISSIPATION	(R/G)	170/105	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

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

*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 / -0.00 DECIMAL PRECISION

REV.

PART NUMBER

SSI-LXR4815SISUC3W6

T-5mm RED/GREEN PANEL INDICATOR LED,
WATER CLEAR LENS, 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

DRAWN BY:

JD

CHECKED BY:

APPROVED BY:

DATE: 12.22.04

PAGE: 1 OF 1

SCALE: N/A