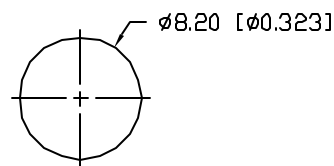


## NOTES:

1. SSL-LX5099IGW, RED/GREEN LED. TRIM LEADS TO 7mm.
2. SSI-LXR3816, CHROME HOUSING.
3. SSH-LXH4815BSG-3, BUSHING.
4. RED ANODE: LXP-WST24RDTQC, 24 AWG. TINNED OVERCOAT, RED INSULATION, CUT 160mm LONG, STRIP 3.18mm AND 9.5mm.
5. COMMON CATHODE: LXP-WST24BLTQC, 24 AWG. TINNED OVERCOAT, BLACK INSULATION, CUT 160mm LONG, STRIP 3.18mm AND 9.5mm.
6. GREEN ANODE: LXP-WST24GRTOC, 24 AWG. TINNED OVERCOAT, GREEN INSULATION, CUT 160mm LONG, STRIP 3.18mm AND 9.5mm.
7. 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		635 (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>	$I_r=100\mu\text{A}$
AXIAL INTENSITY (R/G)		30/20		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	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=+0.00 / -0.00 DECIMAL PRECISION MAX.=+0.00 / -0.00 DECIMAL PRECISION

REV.

PART NUMBER

SSI-LXR3816IGW3150

T-5mm RED/GREEN LED PANEL INDICATOR,  
THREE LEADED, COMMON CATHODE.  
MILKY WHITE DIFFUSED LENS, 6.0" 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 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:

GT

CHECKED BY:

APPROVED BY:

DATE: 1.22.02

PAGE: 1 OF 1

SCALE: N/A

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Lumex:

[SSI-LXR3816IGW3150](#)