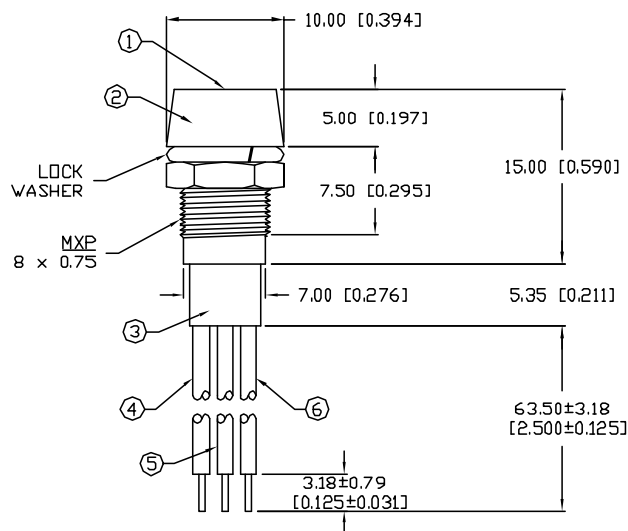


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NOTES:

1. SSL-LX50971GW-CA LED, CUT LEADS TO 7mm. (NOT SHOWN)
2. SSI-LXR4815-B, BLACK ANODIZED HOUSING.
3. SSH-LXH4815BSG-3, BLACK NYLON BUSHING.
4. RED CATHODE LEAD: LXP-WST24RDTQC, 24 AWG., TINNED OVERCOAT WIRE, RED INSULATION, CUT 69mm LONG, STRIP BOTH ENDS 3.18mm.
5. COMMON ANODE LEAD: LXP-WST24BLTQC, 24 AWG. TINNED OVERCOAT WIRE, BLACK INSULATION, CUT 69mm LONG, STRIP BOTH ENDS 3.18mm.
6. GREEN CATHODE LEAD: LXP-WST24GRTOC, 24 AWG TINNED OVERCOAT WIRE, GREEN INSULATION, CUT 69mm LONG, STRIP BOTH ENDS 3.18mm.
7. NO EXPOSED WIRE ALLOWED BEYOND END OF BUSHING.

PART NUMBER		REV.
SSI-LXR4815-B22009		B
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10186./	6-11-96
B	E.C.N. #10BRDR. & REDRAWN.	2-3-99

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.5	2.5/2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	If=100µA
AXIAL INTENSITY (R/G)		20		mcd	If=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
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

* t<10µS

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±0.25mm (±0.010")

REV.	PART NUMBER	CONFIDENTIAL INFORMATION	LUMEX INCORPORATED	290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 PHONE: 1-847-359-2790 WEB: HTTP://WWW.LUMEX.COM
B	SSI-LXR4815-B22009	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.	LUMEX INCORPORATED	
T-5mm (T-1 3/4) LED, 3 LEADED PANEL INDICATOR, 635nm RED/565nm GREEN BICOLOR LED, MILKY WHITE DIFFUSED LENS, COMMON ANODE.		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.	DRAWN BY: CK/DU	CHECKED BY: APPROVED BY: DATE: 3-8-96 PAGE: 1 OF 1 SCALE: N/A