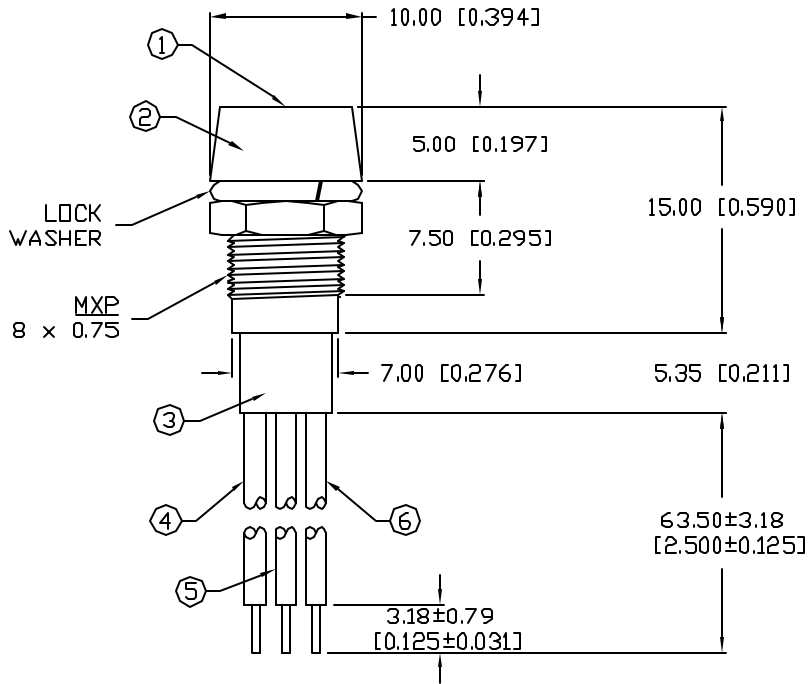


UNCONTROLLED DOCUMENT



NOTES:

1. SSL-LX5097IGW-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-WST24RDT0C, 24 AWG., TINNED OVERCOAT WIRE, RED INSULATION, CUT 69mm LONG, STRIP BOTH ENDS 3.18mm.
5. COMMON ANODE LEAD: LXP-WST24BLT0C, 24 AWG. TINNED OVERCOAT WIRE, BLACK INSULATION, CUT 69mm LONG, STRIP BOTH ENDS 3.18mm.
6. GREEN CATHODE LEAD: LXP-WST24GRT0C, 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
SSI-LXR4815-B22009

REV.
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 $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.5	2.5/2.6	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100μA
AXIAL INTENSITY (R/G)		20		mcd	I _f =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.
B

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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

Mouser Electronics

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