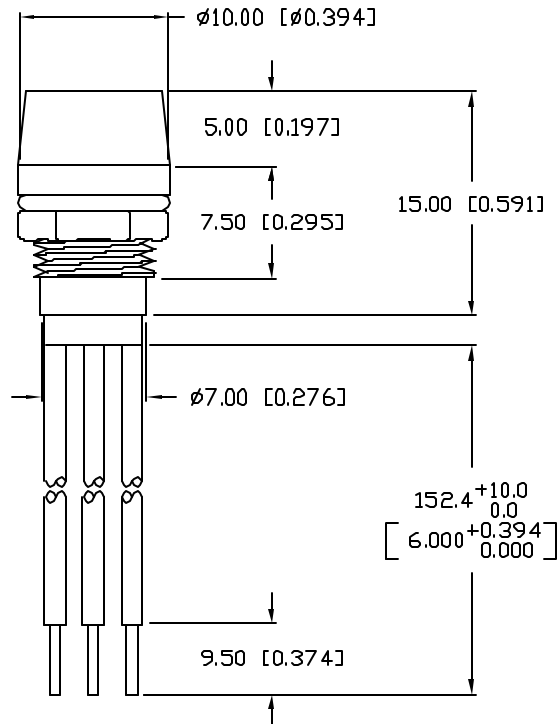
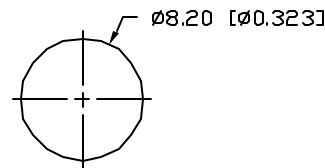


NOTES:

1. SSL-LX5099IGW-CA, 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 CATHODE LEAD: LXP-WST24RDTQG, RED INSULATION, CUT 160mm, STRIP 4.0mm & 9.0mm.
6. COMMON ANODE LEAD: LXP-WST24BLTOG, BLACK INSULATION, CUT 160mm, STRIP 4.0mm & 9.0mm.
7. GREEN CATHODE 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		635 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V_f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	5.0			V_r	$I_f=20\text{mA}$
AXIAL INTENSITY (R/G)		55/45		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/ $^{\circ}\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^{\circ}\text{C}$

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

*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}-0.00 MAX.=^{+0.00}-DECIMAL PRECISION

REV.

PART NUMBER

SSI-LXR4815IGWCA6W

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

CONFIDENTIAL INFORMATION

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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.



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PAGE: 1 OF 1

SCALE: N/A