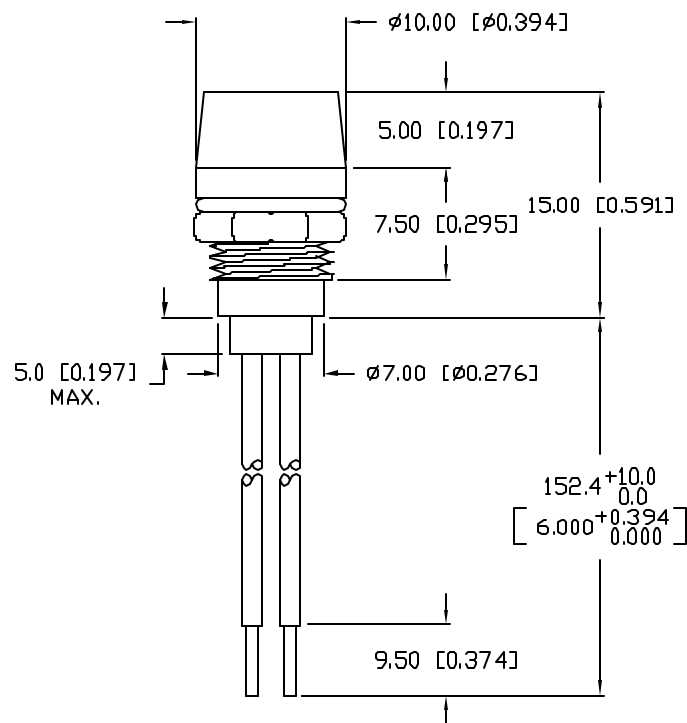
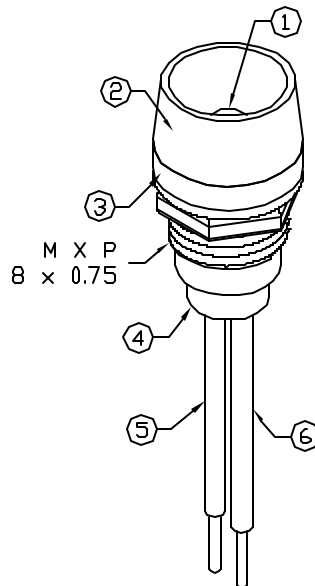


UNCONTROLLED DOCUMENT

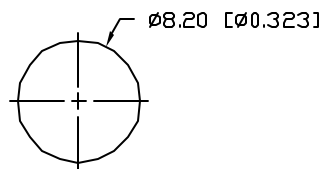


NOTES:

1. SSL-LX5093SRD/E, RED LED. TRIM LEADS TO 5mm.
2. SSI-LXR4815, CHROME HOUSING.
3. LXP-WA-3816, RUBBER GASKET.
4. SSH-LXH4815BSG, BLACK NYLON BUSHING.
5. ANODE LEAD: LXP-WST24RDT0C, RED INSULATION, CUT 160mm LONG, STRIP 2.0mm & 9.5mm.
6. CATHODE LEAD: LXP-WST24BLT0C, BLACK INSULATION, CUT 160mm LONG, STRIP 2.0mm & 9.5mm.
7. THREAD LEADS THROUGH BUSHING, INSERT INTO HOUSING, BACKFILL WITH SILICON ADHESIVE, INSERT BUSHING INTO HOUSING, CRIMP INTO PLACE.
8. WATER RESISTANT PER NEMA STANDARD 250, SECTION 6.7.



PANEL CUTOUT

PART NUMBER
SSI-LXR4815SRDE15WREV.
B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10674.	10.30.00
B	E.C.N. #10BRDR. & REDRAWN IN 3D.	1.10.02

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.8	2.2	V_f	
REVERSE VOLTAGE	4.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		400		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2θ	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	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= -0.00 DECIMAL PRECISION MAX.= +0.00 DECIMAL PRECISION

REV.

B

PART NUMBER

SSI-LXR4815SRDE15W

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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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T-5mm 660nm SUPER RED LED PANEL INDICATOR LED,
RED DIFFUSED LENS, 6" WIRE LEADS, SPLASH RESISTANT.

DRAWN BY:

BC

CHECKED BY:

APPROVED BY:

DATE: 3.31.00

PAGE: 1 OF 1

SCALE: N/A