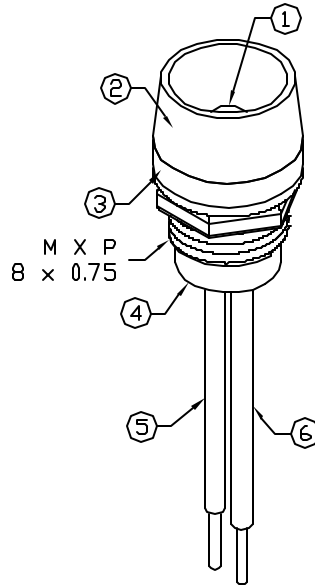
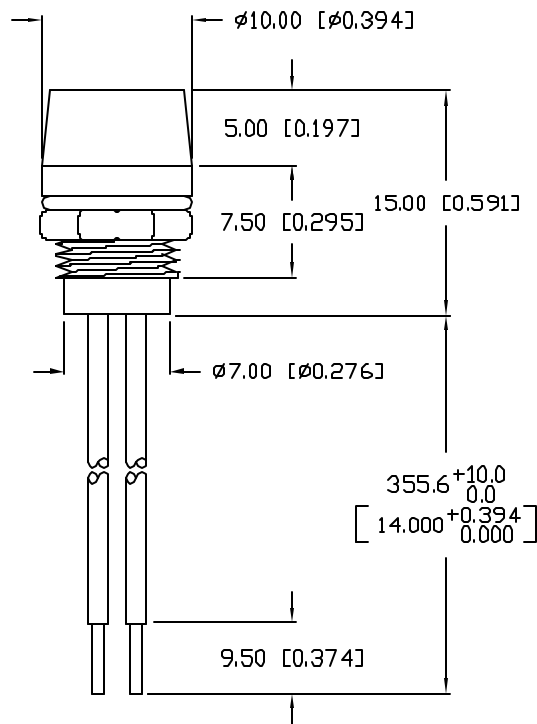


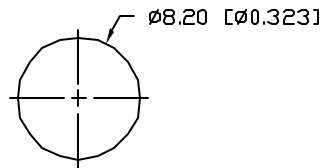
UNCONTROLLED DOCUMENT



NOTES:

1. SSL-LX5063YD-12V, YELLOW LED. TRIM LEADS TO 5mm.
2. SSI-LXR4815-B, BLACK ANODIZED HOUSING.
3. LXP-WA-3816, RUBBER GASKET.
4. SSH-LXH4815BSG, BLACK NYLON BUSHING. (NOT SEEN)
5. ANODE LEAD: LXP-WST24RDT0C, RED INSULATION, CUT 365mm LONG, STRIP 2.0mm & 9.5mm.
6. CATHODE LEAD: LXP-WST24BLT0C, BLACK INSULATION, CUT 365mm 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



*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, MAX.=+0.00/-0.00

PART NUMBER
SSI-LXR4815YD14713

REV.
C

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CORRECTED STRIP LENGTH.	11.17.94
B	E.C.N. #10674.	10.30.00
C	E.C.N. #10BRDR. & REDRAWN IN 3D.	11.20.01

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $V_f=12\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		12.0	14.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		10		mcd	$V_f=12\text{V}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	14	V
STEADY CURRENT	11	mA
POWER DISSIPATION	300	mW
DERATE FROM 25°C	-0.9	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$

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REV.

C

PART NUMBER

SSI-LXR4815YD14713

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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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C

T-5mm 585nm YELLOW LED PANEL INDICATOR LED,
YELLOW DIFFUSED LENS,
BLACK ANODIZED 14" WIRE LEADS, SPLASH RESISTANT.

DRAWN BY:

BC

CHECKED BY:

APPROVED BY:

DATE: 1.16.95

PAGE: 1 OF 1

SCALE: N/A