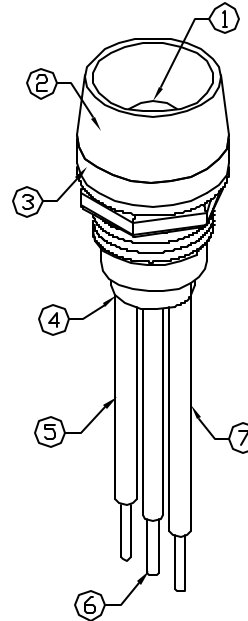
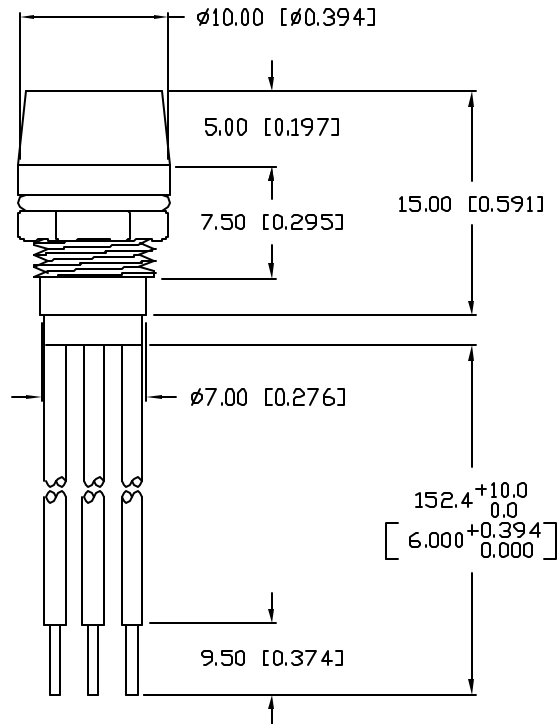
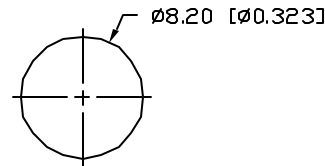


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PANEL CUTOUT



NOTES:

1. SSL-LX5099YGW, YELLOW/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. YELLOW ANODE LEAD: LXP-WST24WHTOC, WHITE INSULATION, CUT 160mm, STRIP 4.0mm & 9.0mm.
6. COMMON CATHODE LEAD: LXP-WST24BLTOC, BLACK INSULATION, CUT 160mm, STRIP 4.0mm & 9.0mm.
7. GREEN ANODE LEAD: LXP-WST24GRTOC, GREEN INSULATION, CUT 160mm, STRIP 4.0mm & 9.0mm.
8. THREAD LEADS THROUGH BUSHING, INSERT INTO HOUSING, BACKFILL WITH SILICON ADHESIVE, 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.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±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

PART NUMBER
SSI-LXR4815YGW3W15

REV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN IN 3D.	11.20.01

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (YELLOW)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (Y/G)		2.1/2.2	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 (Y/G)		20/30		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW/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 (Y/G)		30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/ $^{\circ}\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^{\circ}\text{C}$

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

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REV.

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PART NUMBER

SSI-LXR4815YGW3W15

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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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CHECKED BY:

APPROVED BY:

DATE: 9.18.01

PAGE: 1 OF 1

SCALE: N/A

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