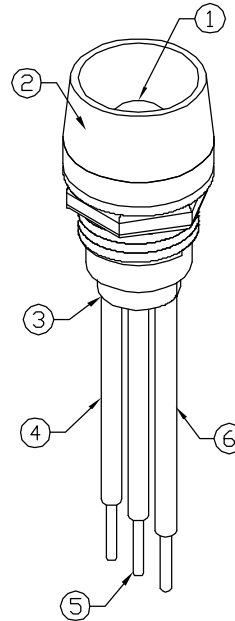
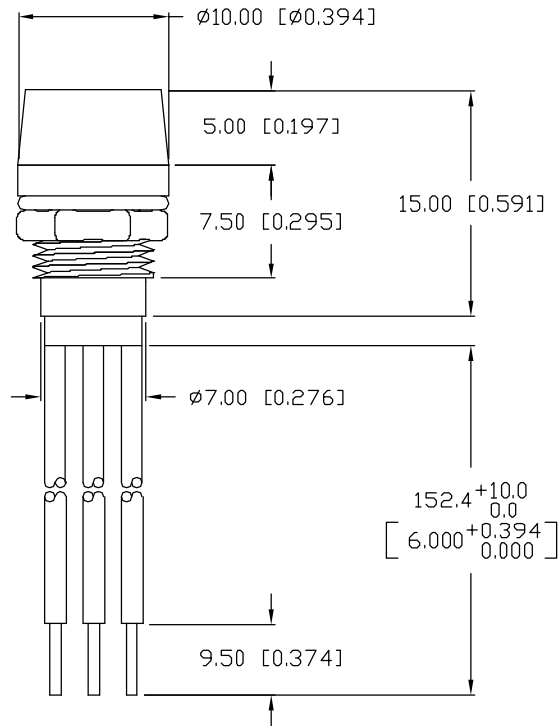
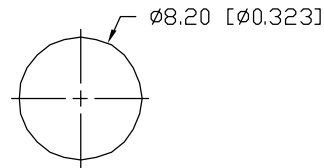


UNCONTROLLED DOCUMENT



PANEL CUTOUT



NOTES:

1. SSL-LX5099IGW-CA, RED/GREEN LED. TRIM LEADS TO 7mm.
2. SSI-LXR4815, CHROME HOUSING.
3. SSH-LXH4815BSG-3, BLACK NYLON BUSHING.
4. RED CATHODE LEAD: LXP-WST24RTOC, RED INSULATION, CUT 160mm, STRIP 4.0mm & 9.0mm.
5. COMMON ANODE LEAD: LXP-WST24BLTOC, BLACK INSULATION, CUT 160mm, STRIP 4.0mm & 9.0mm.
6. GREEN CATHODE LEAD: LXP-WST24GRTOC, GREEN INSULATION, CUT 160mm, STRIP 4.0mm & 9.0mm.
7. NO EXPOSED WIRE ALLOWED BEYOND END OF BUSHING.

*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 MAX.= +0.00 -DECIMAL PRECISION

SC:0.50

PART NUMBER

SSI-LXR4815IGW3CA6

REV.

A

REV. E.C.N. NUMBER AND REVISION COMMENTS

DATE

A E.C.N. #11541.

11.07.08

UNDER REVISION

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	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
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	$^\circ\text{C}$

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

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REV.

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PART NUMBER

SSI-LXR4815IGW3CA6

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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DRAWN BY:

CHECKED BY:

APPROVED BY:

DATE: 12.13.07

JN

PAGE: 1 OF 1

SCALE: N/A

T-5mm RED/GREEN PANEL INDICATOR LED,

MILKY WHITE DIFFUSED, 6" WIRE LEADS, COMMON ANODE.