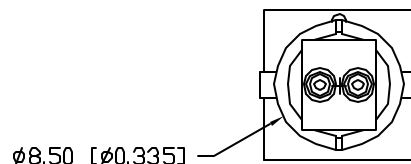
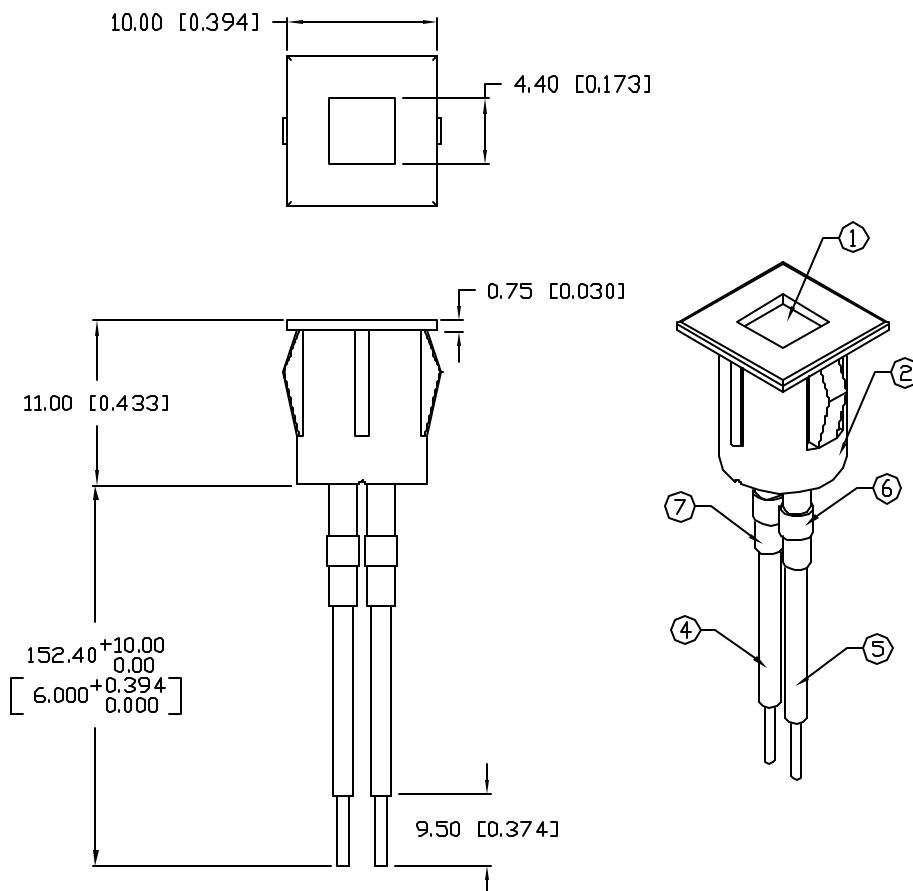


UNCONTROLLED DOCUMENT

PART NUMBER

SSI-LXH55SRD-150

REV.



NOTES:

1. SSH-LXH55, BLACK NYLON HOLDER.
2. SSL-LX5573SRD, RED LED.
3. PANEL CUT OUT: 8.45mm [0.345] SQR.
4. ANODE LEAD: LXP-WST24RDTOC, 24 AWG. TINNED OVERCOAT WIRE, RED INSULATION, CUT 140mm LONG, STRIP 3mm & 9.5mm.
5. CATHODE LEAD: LXP-WST24BLTOC, 24 AWG. TINNED OVERCOAT WIRE, BLACK INSULATION, CUT 140mm LONG, STRIP 3mm & 9.5mm.
6. CRIMP WIRE LEADS TO LED LEADS.
7. 32mm 1/16" BLACK HEAT SHRINK TUBING. (2 PCS.)

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	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		20		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		80		2x theta	
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	105	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

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

*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 MAX.=+0.00 -DECIMAL PRECISION

REV.

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SSI-LXH55SRD-150

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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5mm x 5mm 660nm SUPER RED, PANEL INDICATOR,
RED DIFFUSED LENS, 6" WIRE LEADS.

DRAWN BY:

GB

CHECKED BY:

APPROVED BY:

DATE: 4.10.02

PAGE: 1 OF 1

SCALE: N/A