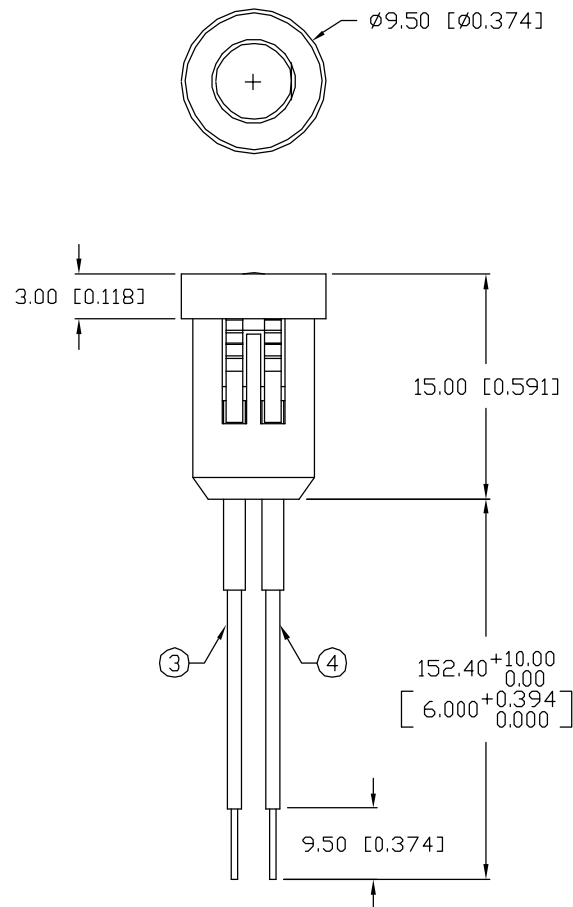


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## NOTES:

1. SSL-LX5093SRD/D LED, CUT LEADS TO 4mm.
2. SSH-RTF5020 HOLDER.
3. ANODE LEAD: LXP-WST24RDT0C CUT 160 LONG, STRIP 3mm & 9.5mm.
4. CATHODE LEAD: LXP-WST24BLT0C CUT 160 LONG, STRIP 3mm & 9.5mm.
5. LXP-HEATSHRINK-2, (2 PCS.) 1/16" x 1/2" LONG.

PANEL CUTOUT: 8.05mm  
PANEL THICKNESS: 0.6~2.8mm

PART NUMBER  
SSI-LXR5020SRD-150

REV.

C

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	REVISED NOTES.	5.16.95
B	E.C.N. #10BRDR.	6.10.99
C	E.C.N. #10BRDR. & REDRAWN.	8.30.01

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		1.7	2.2	$V_f$	
REVERSE VOLTAGE	4.0			$V_r$	$I_f=100\mu\text{A}$
AXIAL INTENSITY		100		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$ 

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM $25^\circ\text{C}$	-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

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

CAUTION: PRESSURE SENSITIVE ASSEMBLY  
AVOID APPLYING PRESSURE TO LED  
DURING PANEL ASSEMBLY.

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\*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.

C

PART NUMBER

SSI-LXR5020SRD-150

T-5mm (T-1 3/4) ROUND PANEL INDICATOR LED,  
660nm SUPER RED LED, RED DIFFUSED LNES,  
WITH 6" WIRE LEADS.

## 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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			SCALE: N/A