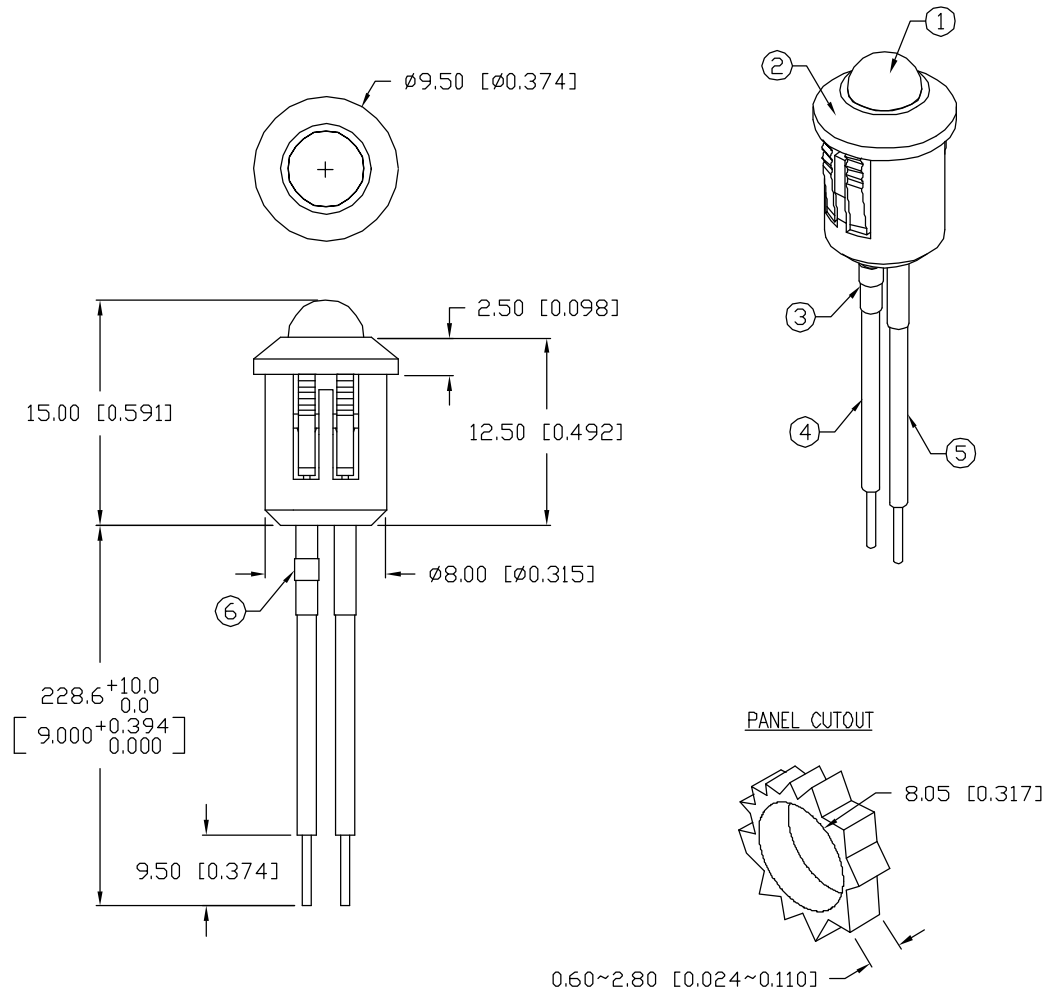


CAUTION: PRESSURE SENSITIVE ASSEMBLY
AVOID APPLYING PRESSURE TO LED
DURING PANEL ASSEMBLY.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $V_f=28\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636		nm	
FORWARD VOLTAGE		28		V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		100		mcd	$V_f=28\text{V}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	29.5	V
STEADY CURRENT	18	mA
POWER DISSIPATION	500	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

NOTES:

1. SSL-LX5093SID, RED LED. TRIM LEADS TO 5mm.
2. SSH-RTF5010, BLACK HOLDER.
3. LXP-HEATSHRINK-3, (2 PCS.) 1/8" x 50mm.
4. ANODE LEAD: LXP-WST24RDT0C, CUT 180mm LONG, STRIP ENDS 3mm & 9.5mm.
5. CATHODE LEAD: LXP-WST24BLT0C, CUT 210mm LONG, STRIP ENDS 3mm & 9.5mm.
6. LXP-RES 2000 1/2W, CUT 22-24mm.



UNCONTROLLED DOCUMENT

*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.

PART NUMBER

SSI-LXR5010SI28230

T-5mm, 636nm RED LED PANEL INDICATOR,
RED DIFFUSED LENS, 9" WIRE LEADS, 28 VOLTS.

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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PAGE: 1 OF 1

SCALE: N/A

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