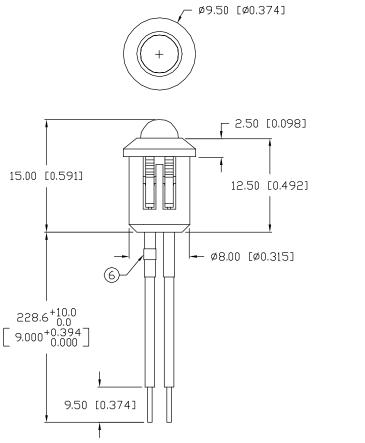
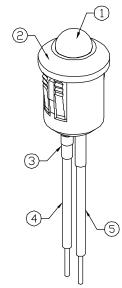
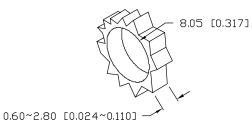
## SSI-LXR5010SI28230

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





PANEL CUTOUT



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C Vf =28V					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636		nm	_
FORWARD VOLTAGE		28		٧f	
REVERSE VOLTAGE	5.0			$V_r$	I <sub>r</sub> =100,µA
AXIAL INTENSITY		100		mcd	$V_f = 28V$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIF	FUSED			

LIMITS	0F	SAFE	OPERATION	ΑT	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/*C
OPERATING, STORAGE TEMP.	-40  TD  +85	°C
SOLDERING TEMP.	+ 260	•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-WST24RDTOC, CUT 180mm LONG, STRIP ENDS 3mm & 9.5mm.
- 5. CATHODE LEAD: LXP-WST24BLTOC, CUT 210mm LONG. STRIP ENDS 3mm & 9.5mm.
- 6. LXP-RES 2000 1/2W, CUT 22-24mm.



\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE:  $X=\pm 1$  ( $\pm 0.039$ ),  $X.X=\pm 0.5$  ( $\pm 0.020$ ),  $X.XX=\pm 0.25$  ( $\pm 0.010$ ),  $X.XXX=\pm 0.127$  ( $\pm 0.003$ ). LEAD SIZE= $\pm 0.05$  ( $\pm 0.002$ ), LEAD LENGTH= $\pm 0.75$  ( $\pm 0.030$ ). MIN= $\pm 0.001$  PRECISION MAX= $\pm 0.00$ 

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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DRAWN BY:

CHECKED BY:

APPROVED BY: DATE: 09.02.08 PAGE: 1 OF 1 SCALE: N/A