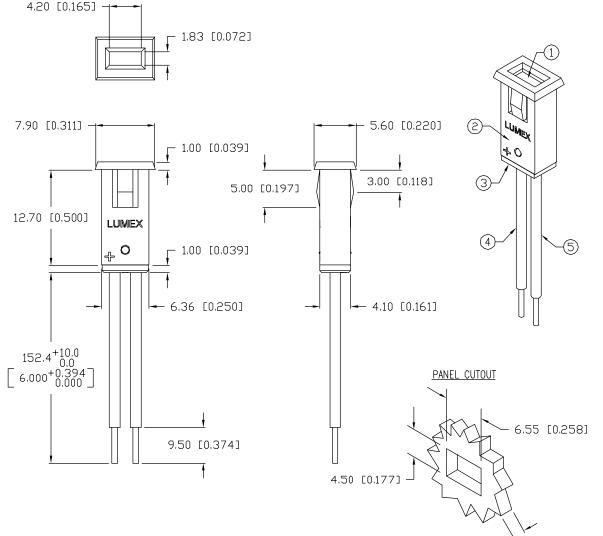
SSI-LXMP059SID-150



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636		nm	
FORWARD VOLTAGE		2.0	2.5	۷f	
REVERSE VOLTAGE	5.0			V_r	1 _r =100,uA
AXIAL INTENSITY		80		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		110		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/°C
OPERATING, STORAGE TEMP.	-40 TO +85	. C

^{*} t<10uS

NOTES:

- 1. SSL-LX2573SID, RED LED. TRIM LEADS TO 3~4mm LONG.
- 2. SSH-LXMP059-HSG, BLACK HOLDER.
- 3. SSH-LXMP059-BSG2, BUSHING.
- 4. ANODE LEAD: LXP-WST24RDTOC, RED INSULATED, 24 AWG., CUT 155mm, STRIP 3mm & 9.5mm.
- 5. CATHODE LEAD: LXP-WST24BLTOC, BLACK INSULATED, 24 AWG., CUT 155mm, STRIP 3mm & 9.5mm.
- 6. CRIMP OR SOLDER LEAD WIRES TO LED AND ASSEMBLE INTO HOUSING.

*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 -0.000

1.25~3.00 [0.049~0.118]

PART NUMBER

SSI-LXMP059SID-150

636nm AllnGaP RED RECTANGULAR LED PANEL INDICATOR. RED DIFFUSED LENS, 6" WIRE LEADS.

REV.

CONFIDENTIAL INFORMATION

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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:

1.7.02 PAGE: 1 OF 1 SCALE: N/A