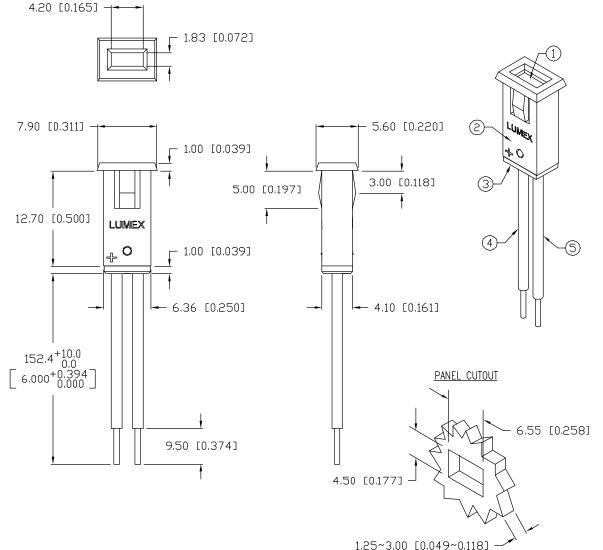
## SSI-LXMP059SYD-150



ELECTRO-OPTICAL CH	HARACTERIS	STICS TA=25	5 <b>'</b> C	$I_f = 20mA$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		2.1	2.5	۷f	
REVERSE VOLTAGE	5.0			$V_{r}$	1 <sub>r</sub> =100,µA
AXIAL INTENSITY		80		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW	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/ <b>'</b> C
OPERATING, STORAGE TEMP.	-40  TO  +85	<b>°</b> C

<sup>\*</sup> t<10uS

## NOTES:

- 1. SSL-LX2573SYD, YELLOW 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

PART NUMBER

SSI-I XMP059SYD-150

590nm AlinGaP YELLOW RECTANGULAR LED PANEL INDICATOR. YELLOW DIFFUSED LENS, 6" WIRE LEADS.

REV.

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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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1.7.02