



ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		2.1	2.5	V _f	
REVERSE VOLTAGE	5.0			V _r	I _f =100μA
AXIAL INTENSITY		80		mcad	I _f =20mA
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/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C

* t < 10μs

NOTES:

- SSL-LX2573SYD, YELLOW LED. TRIM LEADS TO 3~4mm LONG.
- SSH-LXMP059-HSG, BLACK HOLDER.
- SSH-LXMP059-BSG2, BUSHING.
- ANODE LEAD: LXP-WST26RDT0C, RED INSULATED, 26 AWG., CUT 155mm, STRIP 3mm & 9.5mm.
- CATHODE LEAD: LXP-WST26BLT0C, BLACK INSULATED, 26 AWG., CUT 155mm, STRIP 3mm & 9.5mm.
- 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= ^{+0.00}_{-0.00} DECIMAL PRECISION, MAX.= ^{+0.00}_{-0.00} DECIMAL PRECISION

REV.

PART NUMBER

SSI-LXMP059SY66026

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590nm AlInGaP YELLOW RECTANGULAR LED PANEL INDICATOR,
YELLOW DIFFUSED LENS, 26" WIRE LEADS.

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