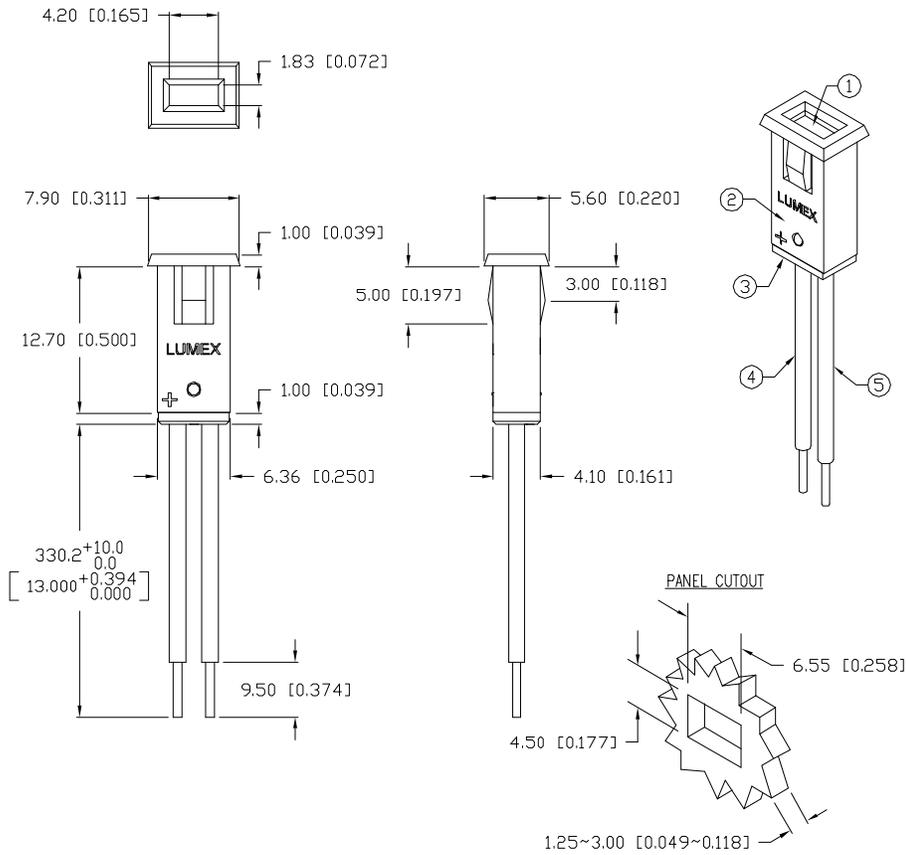


UNCONTROLLED DOCUMENT

PART NUMBER		REV.
SSI-LXMP059GD-330		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN IN 3D.	1.7.02



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		10		mcad	$I_f=20\text{mA}$
VIEWING ANGLE		110		$2x$ theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/ $^{\circ}\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$

* $t < 10\mu\text{s}$

- NOTES:
1. SSL-LX2573GD, GREEN LED. TRIM LEADS TO 3~4mm LONG.
 2. SSH-LXMP059-HSG, BLACK HOLDER.
 3. SSH-LXMP059-BSG2, BUSHING.
 4. ANODE LEAD: LXP-WST24RDT0C, RED INSULATED, 24 AWG., CUT 335mm, STRIP 3mm & 9.5mm.
 5. CATHODE LEAD: LXP-WST24BLT0C, BLACK INSULATED, 24 AWG., CUT 335mm, 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), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION -0.00, MAX= +0.00 -DECIMAL PRECISION

UNCONTROLLED DOCUMENT

REV. A	PART NUMBER SSI-LXMP059GD-330
565nm GREEN RECTANGULAR LED PANEL INDICATOR, GREEN DIFFUSED LENS, 13" WIRE LEADS.	

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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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