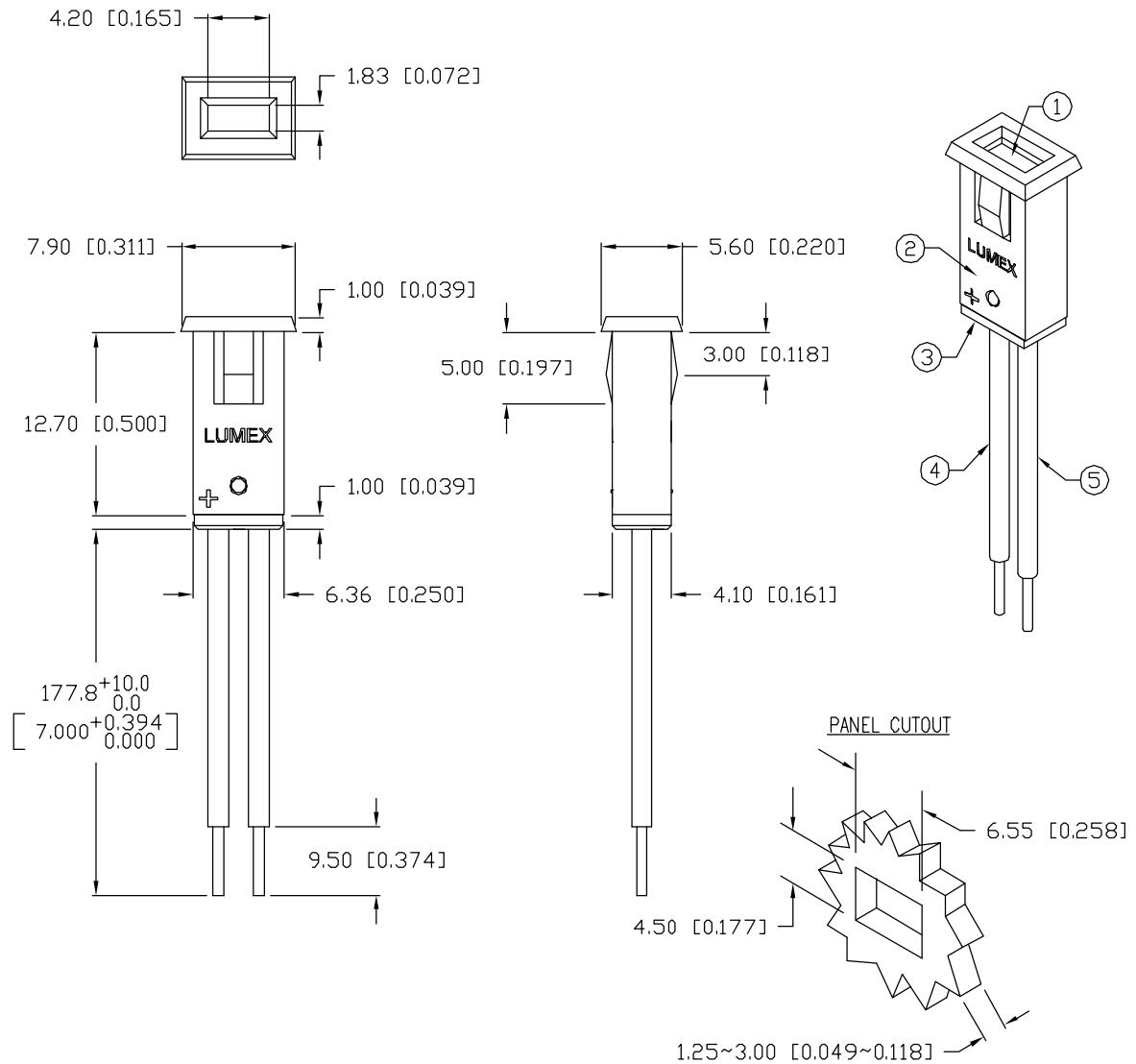


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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X = \pm 1$ (± 0.039), $X.X = \pm 0.5$ (± 0.020), $X.XX = \pm 0.25$ (± 0.010), $X.XXX = \pm 0.127$ (± 0.005). LEAD SIZE = ± 0.05 (± 0.002), LEAD LENGTH = ± 0.75 (± 0.030), MIN = ± 0.00 , MAX = ± 0.00 . DECIMAL PRECISION = ± 0.00 .

REV.	PART NUMBER
E	SSI-LXMP059GD-175
565nm GREEN RECTANGULAR LED PANEL INDICATOR, GREEN DIFFUSED LENS, 7" 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.

PART NUMBER			REV.
SSI-LXMP059GD-175			E
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	REDRAWN.	3.24.92	
B	REDRAWN, UPDATED SPECS.	12.15.94	
C	CORRECTED WIRE SPEC.	9.6.95	
D	E.C.N. #10122.	6.28.96	
E	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 _r =100µA	
AXIAL INTENSITY		10		mcd	I _f = 20mA	
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/°C
OPERATING STORAGE TEMP	-40 TO +85	°C

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

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 180mm, STRIP 3mm & 9.5mm.
5. CATHODE LEAD: LXP-WST24BLTOC, BLACK INSULATED, 24 AWG., CUT 180mm, STRIP 3mm & 9.5mm.
6. CRIMP OR SOLDER LEAD WIRES TO LED AND ASSEMBLE INTO HOUSING

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