UNCONTROLLED DOCUMENT

PART NUMBER	REV.
SSI−LXMP059GD485−3	A

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

4.20 [0.165]

1.83 [0.072]

7.90 [0.311]

1.00 [0.039]

12.70 [0.500]

LUMEX

1.00 [0.039]

6.36 [0.250]

$482.6^{+10.0}_{0.0}$

$[19.000^{+0.394}_{0.000}]$

3.50 [0.138]

5.60 [0.220]

5.00 [0.197]

3.00 [0.118]

4.10 [0.161]

① ② LUMEX + ○ ③ ④ ⑤

PANEL CUTOUT

6.55 [0.258]

4.50 [0.177]

1.25~3.00 [0.049~0.118]
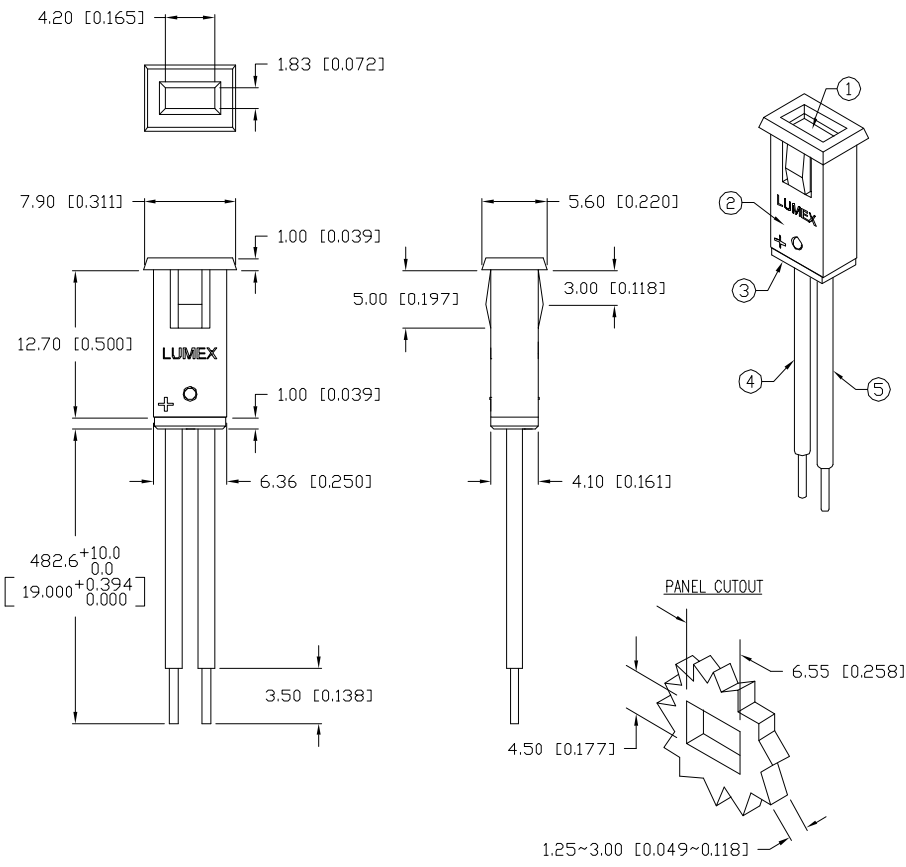
ELECTRO−OPTICAL CHARACTERISTICS T_A=25°C I_f=20mA

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<10μS

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−WST24RDTOC, RED INSULATED, 24 AWG.,
   CUT 495mm, STRIP 3.5mm BOTH ENDS.
5. CATHODE LEAD: LXP−WST24BLTOC, BLACK INSULATED, 24 AWG.,
   CUT 495mm, STRIP 3.5mm BOTH ENDS.
6. CRIMP OR SOLDER LEAD WIRES TO LED AND ASSEMBLE INTO HOUSING.

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*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=$^{+DECIMAL\ PRECISION}_{-0.00}$ MAX.=$^{+0.00}_{-DECIMAL\ PRECISION}$

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565nm GREEN RECTANGULAR LED PANEL INDICATOR,
GREEN DIFFUSED LENS, 19" WIRE LEADS.

LUMEX
We Tame Photons to Work For You

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BC			PAGE: 1 OF 1
			SCALE: N/A