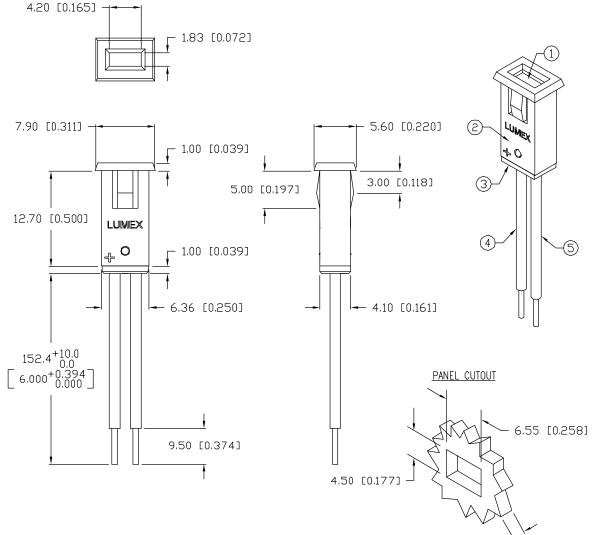
SSI-LXMP059SUGD150



| ELECTRO-OPTICAL CH | ARACTER | ISTICS TA=25°C | | $I_f = 20mA$ | |
|--------------------|---------|----------------|-----|--------------|------------------------|
| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
| PEAK WAVELENGTH | | 574 | | nm | |
| FORWARD VOLTAGE | | 2.2 | 2.6 | ٧f | |
| REVERSE VOLTAGE | 5.0 | | | V_r | 1 _r =100,uA |
| AXIAL INTENSITY | | 65 | | mcd | $I_f = 20 \text{mA}$ |
| 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 | 30 | mA |
| POWER DISSIPATION | 105 | mW |
| DERATE FROM 25°C | -1.2 | mW/ ' C |
| OPERATING, STORAGE TEMP. | -40 TO +85 | ° C |

^{*} t<10uS

NOTES:

- 1. SSL-LX2573SUGD, 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 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.

1.25~3.00 [0.049~0.118] *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

REV.

PART NUMBER SSI-LXMP059SUGD150

574nm AlinGaP GREEN RECTANGULAR LED PANEL INDICATOR. GREEN DIFFUSED LENS, 6" WIRE LEADS.

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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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