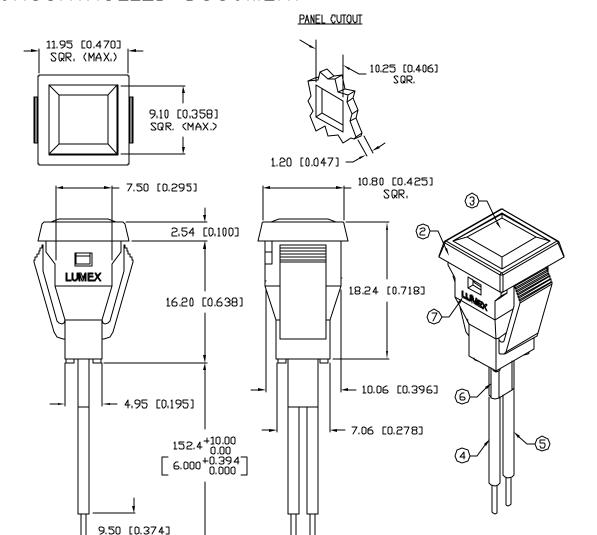
SSI-LXMP5011ZIC150



| ELECTRO-OPTICAL CH | | | | | |
|--------------------|-------|-------|-----|----------|-----------------------|
| PARAMETER | MIN | TYP | MAX | LINITS | TEST COND |
| PEAK WAVELENGTH | | 636 | | nm | |
| FORWARD VOLTAGE | | 2.0 | 2.5 | V_f | |
| REVERSE VOLTAGE | 5.0 | | | ٧r | I _r =100μΑ |
| AXIAL INTENSITY | | 80 | | mcd | I _f =20mA |
| VIEWING ANGLE | | 60 | | 2x theta | |
| EMITTED COLOR: | RED | | | | |
| EPOXY LENS FINISH: | WATER | CLEAR | | | |

LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER | MAX | UNITS |
|--------------------------|--------------|-------|
| PEAK FORWARD CURRENT* | 150 | mA |
| STEADY CURRENT | <i>3</i> 0 | 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-LX4D73ZIC LED, RED. (INSIDE)
- 2. SSH-LXMP5011 HOLDER, BLACK.
- 3. LXP-LXN5011G, WATER CLEAR LENS.
- 4. ANODE LEAD: LXP-WST24RDTDC, 24 AWG STRANDED, TOP OVERCOAT, RED INSULATION, CUT 160mm LONG, STRIP 4mm & 9.5mm.
- 5. CATHODE LEAD: LXP-WST24BLTOC, 24 AWG STRANDED, TOP OVERCOAT, BLACK INSULATION, CUT 160mm LONG, STRIP 4mm & 9.5mm.
- 6. HEAT SHRINK: LXP-HEATSHRINK-4, 1/8" x 1/2". (1 PIECE)
- 7. 'LUMEX' ON FRONT (ANODE SIDE) OF PART.

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL 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= +DECINAL PRECISION MAX.= +0.00 MAX

REV.

PART NUMBER
SSI-LXMP5011ZIC150

12mm SQUARE PANEL INDICATOR WITH LENS, 6" WIRE LEADS.
636nm TS AlinGaP RED LED. WATER CLEAR LENS.

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RELIABILITY NOTE
OUR NAMY 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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| GB | | | | | SCALE: | N/A |

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