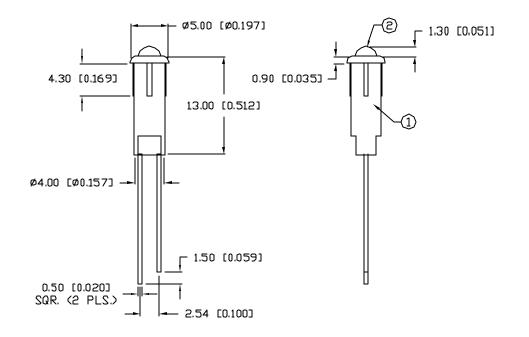
SSI-LXH312SRD



| ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA | | | | | |
|---|----------|------|-----|----------------|-----------------------|
| PARAMETER | MIN | TYP | MAX | LINITS | TEST COND |
| PEAK WAVELENGTH | | 660 | | nm | |
| FORWARD VOLTAGE | | 1.7 | 2.2 | V_{f} | |
| REVERSE VOLTAGE | 5.0 | | | ٧ _٢ | I _r =100µA |
| AXIAL INTENSITY | | 80 | | mcd | $I_f = 20 \text{mA}$ |
| VIEWING ANGLE | | 60 | | 2x theta | |
| EMITTED COLOR: | RED | | | | |
| EPOXY LENS FINISH: | RED DIFF | USED | | | |

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 |
| SOLDERING TEMP. | + 260 | ° C |
| 2.0mm FROM BODY | | 3 SEC. MAX |
| 4. 1. 40. 40 | | |

* t<10µS

NOTES:

- 1, SSH-LXH3121 HOLDER, BLACK NYLON 94-V.
- 2. SSL-LX3044SRD LED, LEADS CUT TO 5mm.
- 3. MOUNTING HOLE: \$0.170"-\$0.174"

*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). MN= +DECINAL PRECISION MAX.= +0.00 (±0.020), XXX=±0.127 (±0.005).

REV. PART NUMBER SSI-LXH312SRD

> T-3mm LED BLACK PANEL INDICATOR, 660nm RED LED, RED DIFFUSED LENS.

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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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