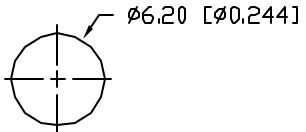
PANEL CUTOUTELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|--------------------|----------------|-----|-----|----------------|----------------------|
| PEAK WAVELENGTH | | 574 | | nm | |
| FORWARD VOLTAGE | | 2.2 | 2.6 | V _f | |
| REVERSE VOLTAGE | 5.0 | | | V _r | $I_r=100\mu\text{A}$ |
| AXIAL INTENSITY | 60 | | | mcd | $I_f=20\text{mA}$ |
| VIEWING ANGLE | 60 | | | 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 | -1.5 | mW/ $^\circ\text{C}$ |
| OPERATING, STORAGE TEMP. | -40 TO +85 | $^\circ\text{C}$ |
| SOLDERING TEMP. | +260 | $^\circ\text{C}$ |
| 2.0mm FROM BODY | | 3 SEC. MAX |

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

NOTES:

1. SSI-LXR1612, CHROME HOUSING.
2. SSL-LX3054SUGD, GREEN LED. TRIM LEADS TO 5mm.
3. SOLDER WIRE LEADS TO LED LEADS.
4. SSH-LXH1612BSC, BUSHING, INSERT AND CRIMP.
5. ANODE LEAD: 26 AWG, STRANDED, RED INSULATION.
CUT 157mm LONG, STRIP END 2mm & 9.5mm.
6. CATHODE LEAD: 26 AWG, STRANDED, BLACK INSULATION.
CUT 157mm LONG, STRIP END 2mm & 9.5mm.

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL 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= $\begin{matrix} +0.00 \\ -0.00 \end{matrix}$ MAX= $\begin{matrix} +0.00 \\ -0.00 \end{matrix}$ DECIMAL PRECISION

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|------|---|--|-------|--|
| | SSI-LXR1612SUGD-150 | | | DRAWN BY: CT CHECKED BY: APPROVED BY: DATE: 12.26.02 PAGE: 1 OF 1 SCALE: N/A |
| | T-3mm (T-1) 574nm AlInGaP GREEN LED PANEL INDICATOR, GREEN DIFFUSED LENS, 6" WIRE LEADS. | 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. | | |