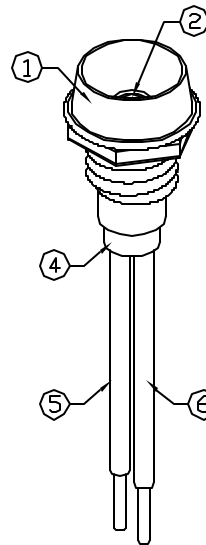
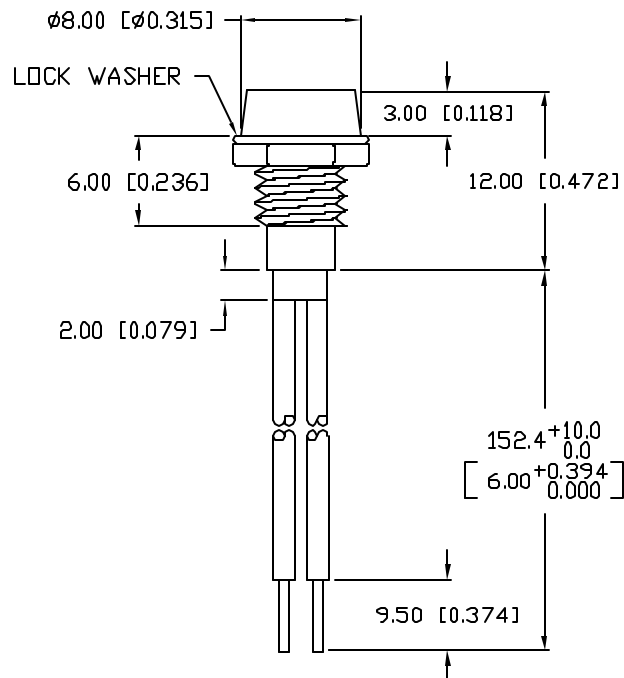


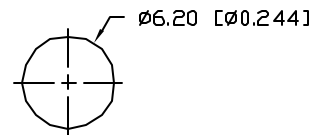
UNCONTROLLED DOCUMENT

PART NUMBER  
SSI-LXR1612SRD12V6REV.  
A

| REV. | E.C.N. NUMBER AND REVISION COMMENTS | DATE     |
|------|-------------------------------------|----------|
| A    | E.C.N. #10BRDR. & REDRAWN IN 3D.    | 10.23.01 |



PANEL CUTOUT

ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^\circ\text{C}$   $V_f=12\text{V}$ 

| PARAMETER          | MIN          | TYP  | MAX  | UNITS    | TEST COND            |
|--------------------|--------------|------|------|----------|----------------------|
| PEAK WAVELENGTH    |              | 660  |      | nm       |                      |
| FORWARD VOLTAGE    |              | 12.0 | 14.0 | $V_f$    |                      |
| REVERSE VOLTAGE    | 5.0          |      |      | $V_r$    | $I_r=100\mu\text{A}$ |
| AXIAL INTENSITY    |              | 70   |      | mcd      | $V_f=12\text{V}$     |
| VIEWING ANGLE      |              | 60   |      | 2x theta |                      |
| EMITTED COLOR:     | RED          |      |      |          |                      |
| EPOXY LENS FINISH: | RED DIFFUSED |      |      |          |                      |

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$ 

| PARAMETER                      | MAX        | UNITS                |
|--------------------------------|------------|----------------------|
| PEAK FORWARD VOLTAGE           | 14         | V                    |
| STEADY CURRENT                 | 10         | mA                   |
| POWER DISSIPATION              | 310        | mW                   |
| DERATE FROM $25^\circ\text{C}$ | -1.6       | mW/ $^\circ\text{C}$ |
| OPERATING, STORAGE TEMP.       | -40 TO +85 | $^\circ\text{C}$     |

NOTES:

- SSI-LXR1612, CHROME HOUSING.
- SSL-LX3054SRD-12V, RED LED. TRIM LEADS TO 5mm.
- SOLDER WIRE LEADS TO LED LEADS.
- SSH-LXH1612BSG, BUSHING. INSERT AND CRIMP.
- ANODE LEAD: LXP-WST26RDT0C, 26 AWG, TINNED OVERCOAT, RED INSULATION. CUT 157mm LONG, STRIP END 2mm & 9.5mm.
- CATHODE LEAD: LXP-WST26BLT0C, 26 AWG, TINNED OVERCOAT, BLACK INSULATION. CUT 157mm LONG, STRIP END 2mm & 9.5mm.

UNCONTROLLED DOCUMENT

\*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=+0.00 DECIMAL PRECISION MAX=-0.00 DECIMAL PRECISION

REV.

A

PART NUMBER

SSI-LXR1612SRD12V6

T-3mm (T-1) 660nm SUPER RED LED PANEL INDICATOR,  
RED DIFFUSED LENS, 6" WIRE LEADS, 12V OPERATION.

## CONFIDENTIAL INFORMATION

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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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SCALE: N/A

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