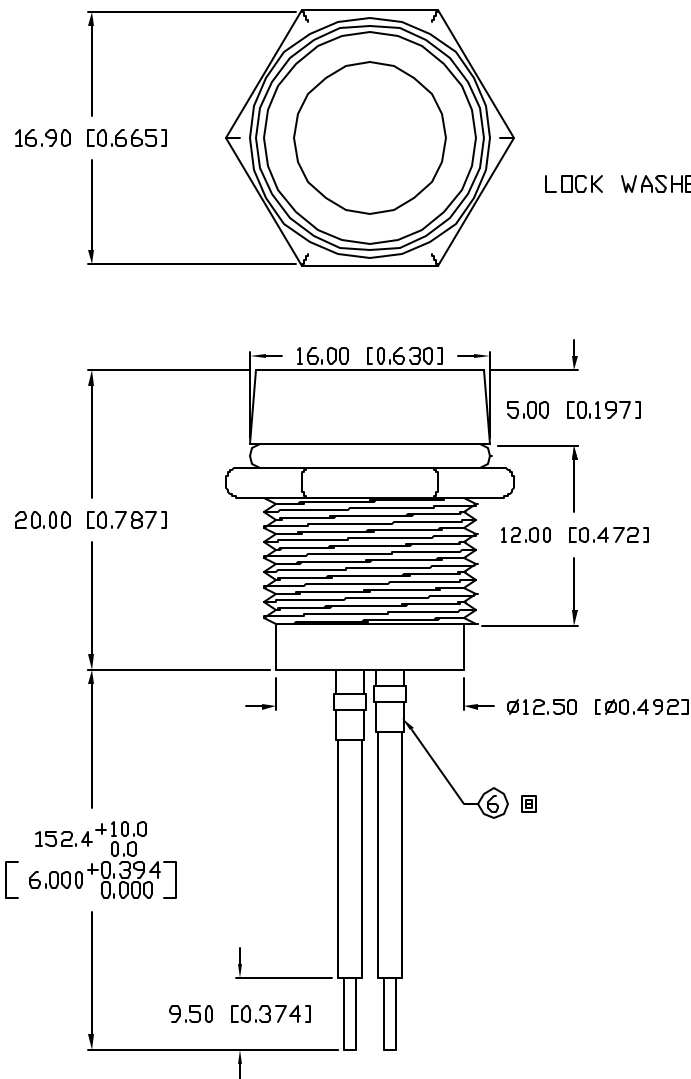
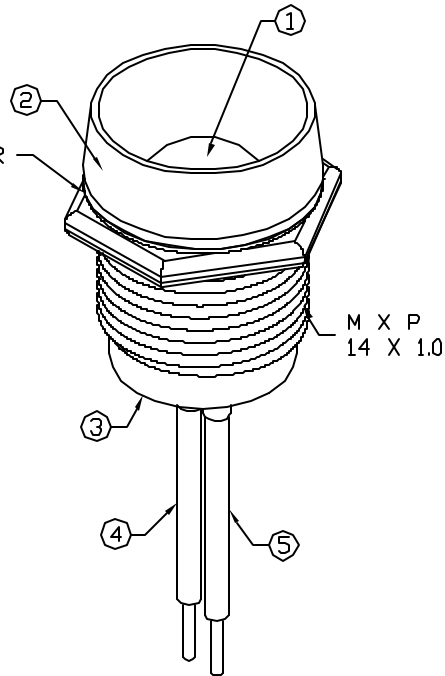


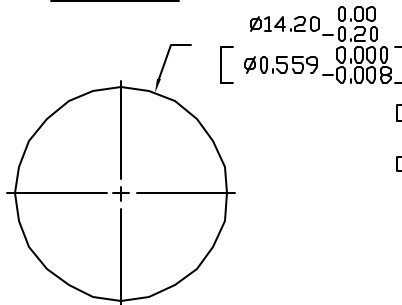
UNCONTROLLED DOCUMENT



LOCK WASHER



PANEL CUTOUT

PART NUMBER  
SSI-LXR4915SR13157REV.  
E

| REV. | E.C.N. NUMBER AND REVISION COMMENTS | DATE     |
|------|-------------------------------------|----------|
| A    | E.C.N. #10857.                      | 4.25.02  |
| B    | E.C.N. #10907.                      | 9.17.02  |
| C    | E.C.N. #10919.                      | 10.22.02 |
| D    | E.C.N. #11018.                      | 7.16.03  |
| E    | E.C.N. #11376.                      | 12.15.06 |

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    | 4.0          |      |      | $V_r$    | $I_r=100\mu\text{A}$ |
| AXIAL INTENSITY    |              | 120  |      | 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 $25^\circ\text{C}$ | -1.2       | mW/ $^\circ\text{C}$ |
| OPERATING, STORAGE TEMP.       | -40 TO +85 | $^\circ\text{C}$     |

NOTES:

1. SSL-LX100133SRD12V, RED LED UNCUT LEADS.
2. SSI-LXR4915, CHROME HOUSING.
3. NEOPRENE RUBBER BUSHING.
4. ANODE LEAD: LXP-WST22RDTQC, 22 AWG STRANDED, RED INSULATION, CUT 140mm LONG, STRIP 3mm & 9.5mm.
5. CATHODE LEAD: LXP-WST22BLTQC, 22 AWG STRANDED, BLACK INSULATION, CUT 140mm, STRIP 3mm & 9.5mm.
6. LXP-HEATSHRINK-4; 1/8" x 37mm (2 PCS.)
7. LED IS SECURED INSIDE HOLDER WITH UV GLUE. THEN, INSERT BUSHING.

E



\*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/-0.00 MAX=+0.00/-0.00

REV.

E

PART NUMBER

SSI-LXR4915SR13157

10mm, 660nm SUPER RED LED PANEL INDICATOR,  
RED DIFFUSED LENS, 6" WIRE LEADS, 12 VOLTS.

## 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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DATE: 12.18.06

PAGE: 1 OF 1

SCALE: N/A