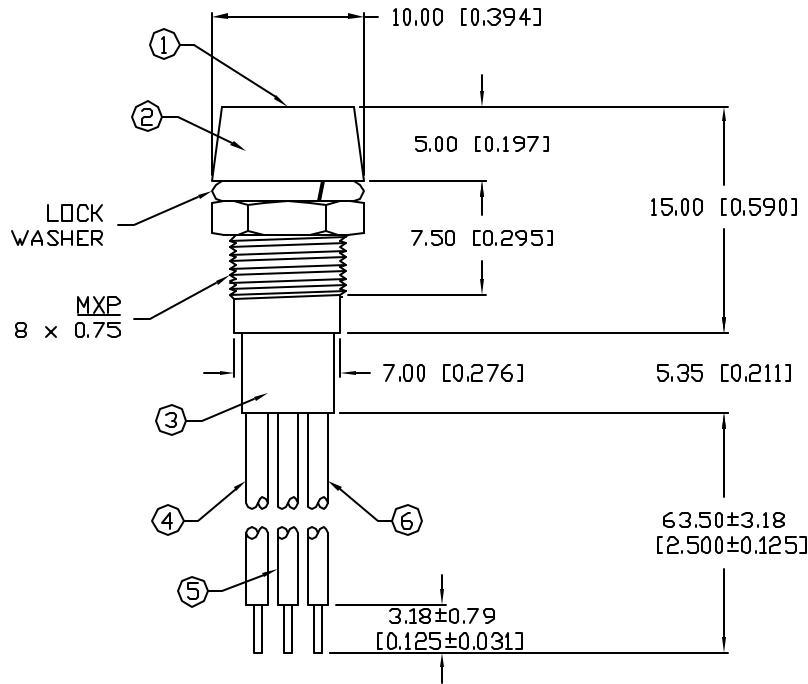


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NOTES:

1. SSL-LX5097IGW-CA LED, CUT LEADS TO 7mm. (NOT SHOWN)
2. SSI-LXR4815-B, BLACK ANODIZED HOUSING.
3. SSH-LXH4815BSG-J, BLACK NYLON BUSHING.
4. RED CATHODE LEAD: LXP-WST24RDTQC, 24 AWG., TINNED OVERCOAT WIRE, RED INSULATION, CUT 69mm LONG, STRIP BOTH ENDS 3.18mm.
5. COMMON ANODE LEAD: LXP-WST24BLTQC, 24 AWG. TINNED OVERCOAT WIRE, BLACK INSULATION, CUT 69mm LONG, STRIP BOTH ENDS 3.18mm.
6. GREEN CATHODE LEAD: LXP-WST24GRTQC, 24 AWG TINNED OVERCOAT WIRE, GREEN INSULATION, CUT 69mm LONG, STRIP BOTH ENDS 3.18mm.
7. NO EXPOSED WIRE ALLOWED BEYOND END OF BUSHING.

PART NUMBER
SSI-LXR4815-B22009

REV.
B

| REV. | E.C.N. NUMBER AND REVISION COMMENTS | DATE |
|------|-------------------------------------|---------|
| A | E.C.N. #10186./ | 6-11-96 |
| B | E.C.N. #10BRDR. & REDRAWN. | 2-3-99 |

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

| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|-----------------------|----------------------|-------------|---------|------------|----------------------|
| PEAK WAVELENGTH | | 635 (RED) | | nm | |
| | | 565 (GREEN) | | nm | |
| FORWARD VOLTAGE (R/G) | | 2.0/2.5 | 2.5/2.6 | V_f | |
| REVERSE VOLTAGE | 5.0 | | | V_r | $I_f=100\mu\text{A}$ |
| AXIAL INTENSITY (R/G) | | 20 | | mcd | $I_f=20\text{mA}$ |
| VIEWING ANGLE | | 60 | | $2x$ theta | |
| EMITTED COLOR: | RED/GREEN | | | | |
| EPOXY LENS FINISH: | MILKY WHITE DIFFUSED | | | | |

LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER | COLORS | MAX | UNITS |
|--------------------------------|--------|------------|----------------------|
| PEAK FORWARD CURRENT* | | 150 | mA |
| STEADY CURRENT | (R/G) | 30/25 | mA |
| POWER DISSIPATION | | 105 | mW |
| DERATE FROM 25°C | | -1.2 | 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 |

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

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*UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010''$)

REV. B PART NUMBER SSI-LXR4815-B22009

CONFIDENTIAL INFORMATION
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INCORPORATED

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PALATINE, ILLINOIS 60067
PHONE: 1-847-359-2790
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T-5mm (T-1 3/4) LED, 3 LEADED PANEL INDICATOR,
635nm RED/565nm GREEN BICOLOR LED,
MILKY WHITE DIFFUSED LENS, COMMON ANODE.

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.

| | | | |
|-----------|-------------|--------------|--------------|
| DRAWN BY: | CHECKED BY: | APPROVED BY: | DATE: 3-8-96 |
| | | | PAGE: 1 OF 1 |
| ck/du | | | SCALE: N/A |