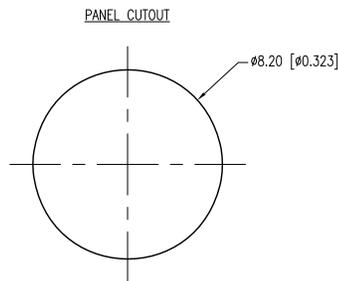
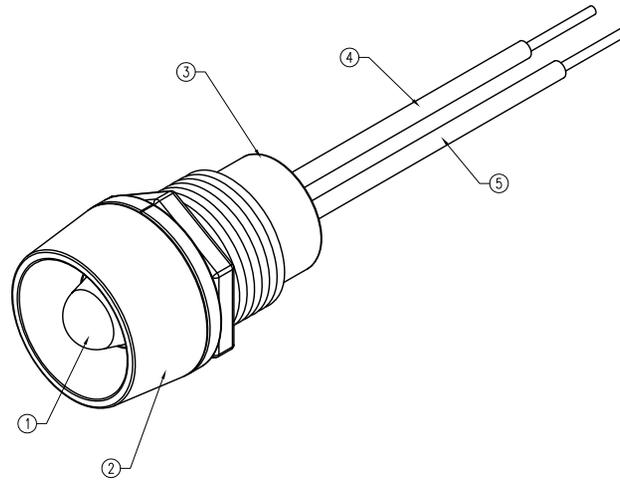
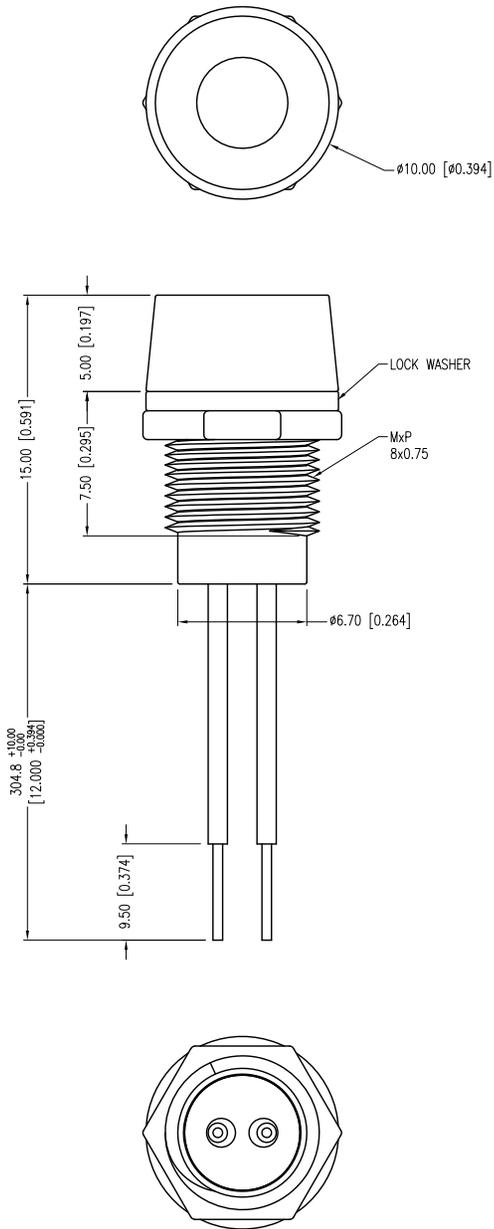


| | | | |
|-------------|-------------------------------------|------|------|
| PART NUMBER | SSI-LXR4815HGW-300 | REV. | A |
| DATE | E.C.N. NUMBER AND REVISION COMMENTS | | REV. |
| 05.15.12 | E.C.N. #10BRDR. & REDRAWN. | | A |



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C Vf=20mA

| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|-----------------------|----------------------|---------|---------|----------|-----------|
| PEAK WAVELENGTH (R/G) | | 700/565 | | nm | |
| FORWARD VOLTAGE (R/G) | | 2.0/2.2 | 2.5/2.6 | Vf | |
| REVERSE VOLTAGE | 5.0 | | | Vr | Ir=100µA |
| AXIAL INTENSITY (R/G) | | 5/8 | | mcd | Vf=20mA |
| VIEWING ANGLE | | 60 | | 2x theta | |
| EMITTED COLOR: | RED/GREEN | | | | |
| LENS FINISH: | MILKY WHITE DIFFUSED | | | | |

LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER | MAX | UNITS |
|-------------------------|------------|-------|
| PEAK FORWARD CURRENT* | 150 | mA |
| STEADY CURRENT | 25 | mA |
| POWER DISSIPATION (R/G) | 120/105 | mW |
| DERATE FROM 25°C | -1.2 | mW/°C |
| OPERATING TEMP. | -40 TO +85 | °C |
| STORAGE TEMP. | -40 TO +85 | °C |

*It<10µS

NOTES:

1. SSL-LX5063HGW, RED/GREEN LED. TRIM LEADS TO 5mm.
2. SSI-LXR4815, CHROME HOUSING.
3. SSH-LX4815BS6, BLACK NYLON BUSHING. (NOT SEEN)
4. RED ANODE LEAD: LXP-WST24RDT0C, RED INSULATION, 310mm LONG, STRIP 2mm & 9.5mm.
5. GREEN ANODE LEAD: LXP-WST24BLT0C, BLACK INSULATION, 310mm LONG, STRIP 2mm & 9.5mm.

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



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
FAX: +1.847.359.6538
WEB: WWW.LUMEX.COM
MEMBER OF ITW PHOTONICS GROUP

T-5mm 700/565nm RED/GREEN PANEL INDICATOR LED, WHITE DIFFUSED, WITH 12" WIRE LEADS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

| | | | |
|--------|-----------|-----------|----|
| DATE: | 05.15.12 | DRAWN BY: | AB |
| PAGE: | 1 OF 1 | CHKD BY: | KF |
| SCALE: | NTS | APRVD BY: | KF |
| UNIT: | mm [INCH] | | Ⓟ |

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Lumex:

[SSI-LXR4815HGW-300](#)