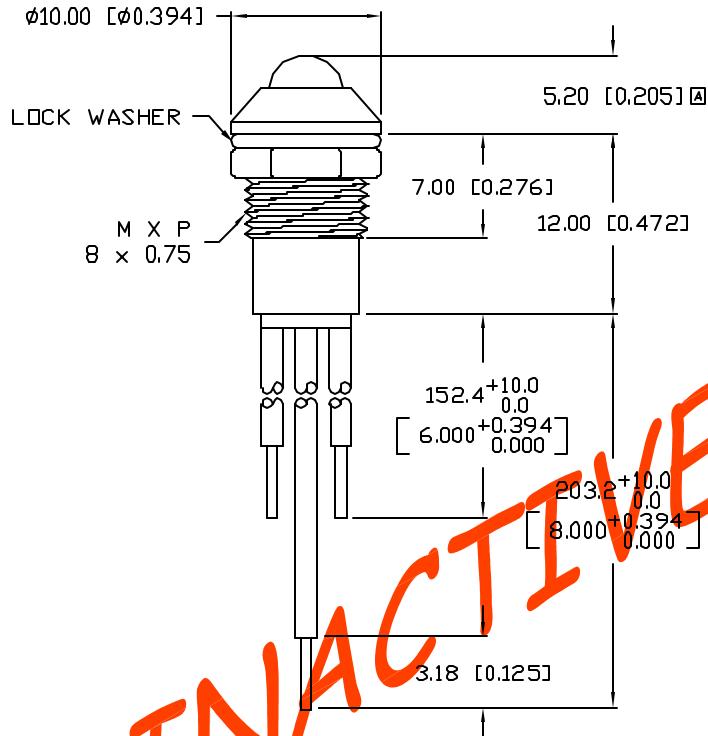
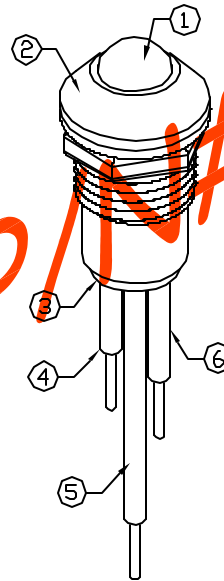


UNCONTROLLED DOCUMENT



## NOTES:

1. SSI-LX5099HGW, RED/GREEN LED. TRIM LEADS TO 7mm.
2. SSI-LXR3816-B, BLACK ANODIZED HOUSING.
3. SSH-LXH4815BSC-3, BUSHING.
4. RED ANODE: LXP-WST24RDTOC, 24 AWG. TINNED OVERCOAT, RED INSULATION, CUT 160mm LONG, STRIP 3.18mm AND 3.18mm.
5. COMMON CATHODE: LXP-WST24BLTOC, 24 AWG. TINNED OVERCOAT, BLACK INSULATION, CUT 210mm LONG, STRIP 3.18mm AND 3.18mm.
6. GREEN ANODE: LXP-WST24GRTOC, 24 AWG. TINNED OVERCOAT, GREEN INSULATION, CUT 160mm LONG, STRIP 3.18mm AND 3.18mm.
7. NO EXPOSED WIRE ALLOWED BEYOND END OF BUSHING.



## PANEL CUTOUT

PART NUMBER  
SSI-LXR3816HGW3665REV.  
A

| REV. | E.C.N. NUMBER AND REVISION COMMENTS | DATE     |
|------|-------------------------------------|----------|
| A    | E.C.N. #10810. & REDRAWN IN 3D.     | 11.12.01 |

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

| PARAMETER             | MIN | TYP                  | MAX     | UNITS    | TEST COND            |
|-----------------------|-----|----------------------|---------|----------|----------------------|
| PEAK WAVELENGTH       |     | 700 (RED)            |         | nm       |                      |
|                       |     | 565 (GREEN)          |         | nm       |                      |
| FORWARD VOLTAGE (R/G) |     | 2.0/2.2              | 2.5/2.6 | $V_f$    |                      |
| REVERSE VOLTAGE       | 5.0 |                      |         | $V_r$    | $I_r=100\mu\text{A}$ |
| AXIAL INTENSITY (R/G) |     | 4/15                 |         | 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  $25^\circ\text{C}$ 

| PARAMETER                      | COLORS | MAX        | UNITS                |
|--------------------------------|--------|------------|----------------------|
| PEAK FORWARD CURRENT*          |        | 150        | mA                   |
| STEADY CURRENT                 |        | 25         | mA                   |
| POWER DISSIPATION              | (R/G)  | 120/105    | mW                   |
| DERATE FROM $25^\circ\text{C}$ |        | -1.2       | mW/ $^\circ\text{C}$ |
| OPERATING, STORAGE TEMP.       |        | -40 TO +85 | $^\circ\text{C}$     |

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

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

REV.

A

PART NUMBER

SSI-LXR3816HGW3665

T-5mm RED/GREEN LED PANEL INDICATOR,  
MILKY WHITE DIFFUSED LENS, COMMON CATHODE.

## 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: 6.25.98

PAGE: 1 OF 1

SCALE: N/A