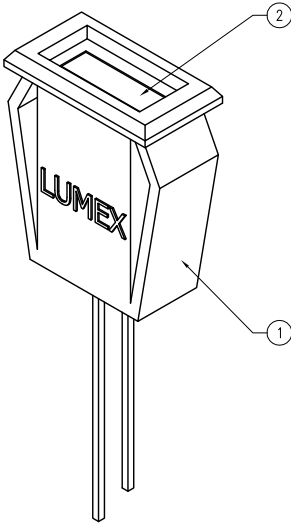
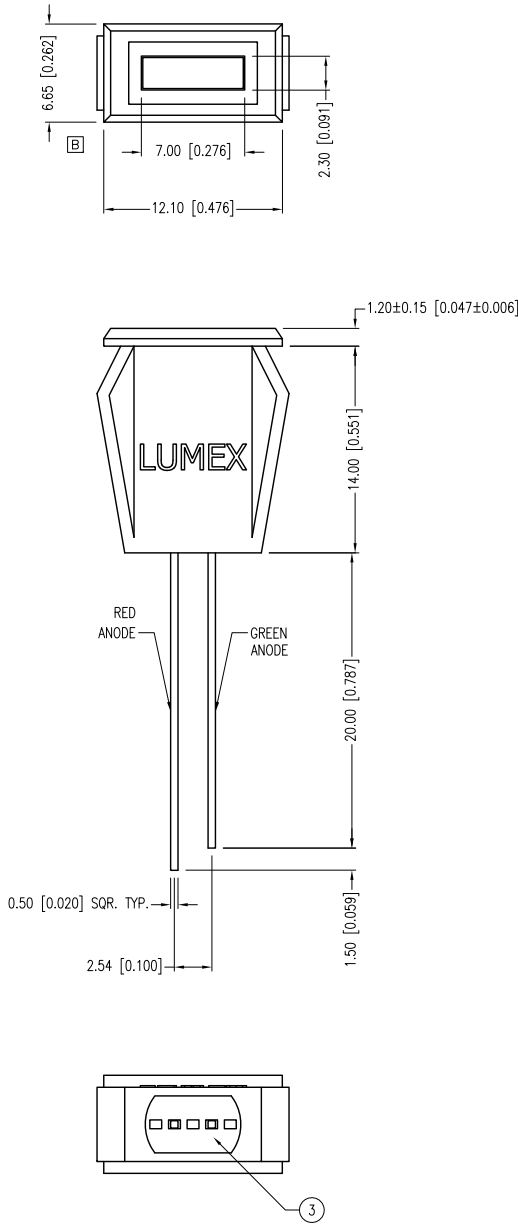


| PART NUMBER | SSI-LXH072HGW                       | REV. | C    |
|-------------|-------------------------------------|------|------|
| DATE        | E.C.N. NUMBER AND REVISION COMMENTS |      | REV. |
| 01.05.99    | E.C.N. #10BRDR. & REDRAWN.          |      | A    |
| 01.10.01    | E.C.N. #10702.                      |      | B    |
| 04.08.11    | E.C.N. #10BRDR. & REDRAWN/#11686.   |      | C    |



| ELECTRO-OPTICAL CHARACTERISTICS T <sub>A</sub> =25°C I <sub>f</sub> =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 | V <sub>f</sub> |                       |
| REVERSE VOLTAGE                                                           | 5.0                  |         |         | V <sub>r</sub> | I <sub>r</sub> =100uA |
| AXIAL INTENSITY (R/G)                                                     |                      | 4/9     |         | mcd            | I <sub>f</sub> =20mA  |
| VIEWING ANGLE                                                             |                      | 110     |         | 2x theta       |                       |
| EMITTED COLOR:                                                            | RED/GREEN            |         |         |                |                       |
| EPOXY LENS FINISH:                                                        | MILKY WHITE DIFFUSED |         |         |                |                       |

| [A] 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         |
| SOLDERING TEMP.                      | +260       | °C         |
| 2.0mm FROM BODY                      |            | 3 SEC. MAX |
| * t<10uS                             |            |            |

- NOTES:
- 1. SSH-LXH072 HOLDER, BLACK.
  - 2. SSL-LX25783HGW LED, RED/GREEN BICOLOR.
  - 3. SECURE LED TO HOLDER WITH GLUE.
  - 4. PANEL CUT OUT SIZE: 5.3mm x 11.0mm.

# Mouser Electronics

Authorized Distributor

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

Lumex:

[SSI-LXH072HGW](#)