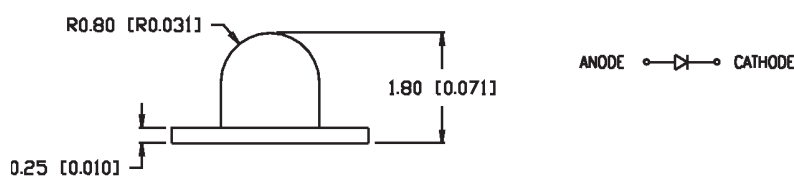
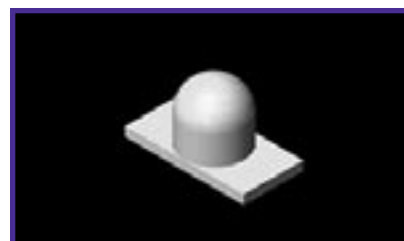
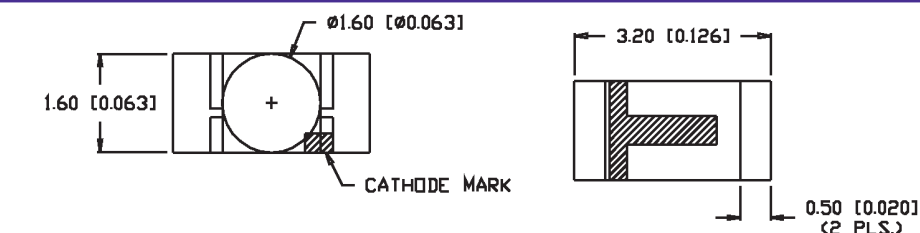


SMT LEDs ~ Transfer Molded ~ Dome Lens

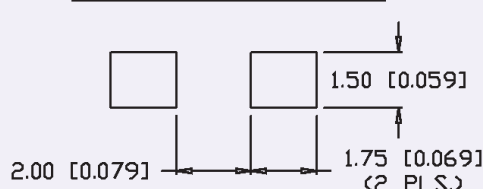


SML-LXL1307XC-TR

Dome Lens Short Profile



RECOMMENDED SOLDER PAD LAYOUT



Features/Options

- Special 1206 Package
- State-of-the-Art LED Die
- Quick Delivery
- All Color Choices Available
- High Domed Lens for Narrower and Higher Intensity Emission

Applications/Uses

- Display or Character Backlighting
- Status Indicators
- Circuit Fault Indicators
- Keyboard Post Lighting
- Medical Diagnostic Circuits

SML-LXL1307 Package Style - Super Bright

Dome Lens Short Profile

| Lumex Part Number | Die Material | Emitted Color | Peak (nm) | Lens | Axial Intensity @ If=20mA | V _f Typ @ If=20mA | V _f Max @ If=20mA | View Angle° 2θ | Reel Size (pcs) | Reflow Profile Pg. 134 | Tape Specs Pg. 134 |
|--------------------|--------------|--------------------------|-----------|-------|---------------------------|------------------------------|------------------------------|----------------|-----------------|------------------------|--------------------|
| SML-LXL1307SIC-TR | AlInGaP | Super High Intensity Red | 636 | Clear | 600 | 2.0 | 2.6 | 50 | 2000 | Figure 1 | Figure A |
| SML-LXL1307SOC-TR | AlInGaP | Super Orange | 610 | Clear | 1200 | 2.00 | 2.5 | 50 | 2000 | Figure 1 | Figure A |
| SML-LXL1307SRC-TR | GaAlAs | Super Red | 660 | Clear | 300 | 1.7 | 2.2 | 50 | 2000 | Figure 1 | Figure A |
| SML-LXL1307SUGC-TR | AlInGaP | Super Ultra Green | 574 | Clear | 200 | 2.2 | 2.6 | 50 | 2000 | Figure 1 | Figure A |
| SML-LXL1307SYC-TR | AlInGaP | Super Yellow | 590 | Clear | 300 | 2.0 | 2.5 | 50 | 2000 | Figure 1 | Figure A |

SML-LXL1307 Package Style - Ultra Bright

Dome Lens Short Profile

| Lumex Part Number | Die Material | Emitted Color | Peak (nm) | Lens | Axial Intensity @ If=20mA | V _f Typ @ If=20mA | V _f Max @ If=20mA | View Angle° 2θ | Reel Size (pcs) | Reflow Profile Pg. 134 | Tape Specs Pg. 134 |
|--------------------|--------------|------------------|-----------|-------|---------------------------|------------------------------|------------------------------|----------------|-----------------|------------------------|--------------------|
| SML-LXL1307USBC-TR | InGaN | Ultra Super Blue | 470 | Clear | 250 | 3.5 | 4.0 | 50 | 2000 | Figure 1 | Figure A |
| SML-LXL1307UPGC-TR | InGaN | Ultra Pure Green | 525 | Clear | 1000 | 3.5 | 4.0 | 50 | 2000 | Figure 1 | Figure A |

Mouser Electronics

Authorized Distributor

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

Lumex:

[SML-LXL1307SRC-TR](#)