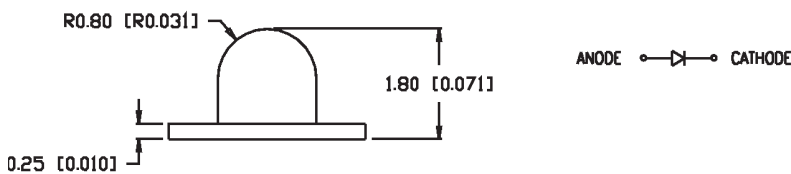
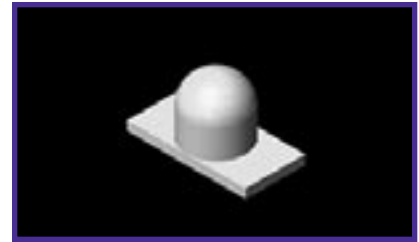
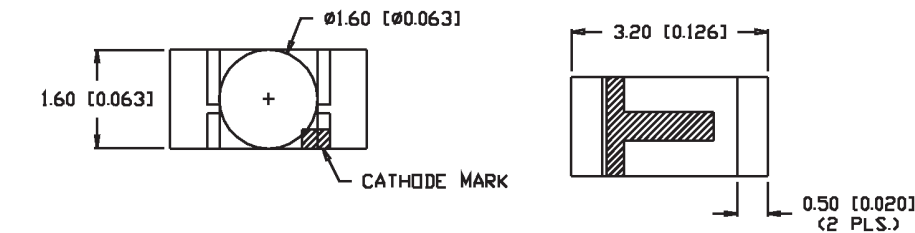


# SMT LEDs ~ Transfer Molded ~ Dome Lens



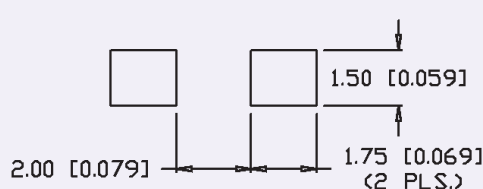
## SML-LXL1307XC-TR

Dome Lens Short Profile



ANODE CATHODE

### 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 <sub>f</sub> Typ @ If=20mA	V <sub>f</sub> 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 <sub>f</sub> Typ @ If=20mA	V <sub>f</sub> 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

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Lumex:

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