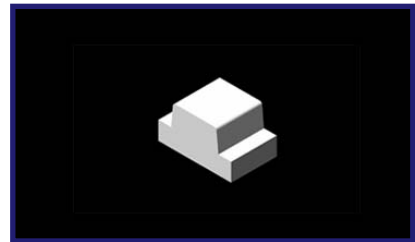
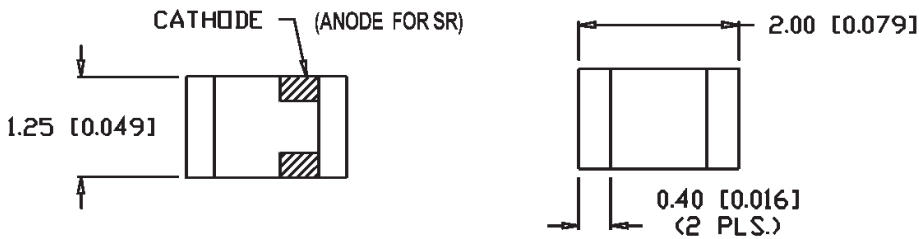




SML-LXF0805XC-TR

Flat Solder Terminals

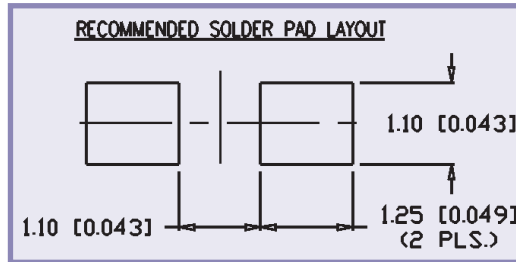


Features/Options

- ▶ Small 0805 Package
- ▶ State-of-the-Art LED Die
- ▶ Wide Angle of Emission
- ▶ High Volume Capacity Production
- ▶ Quick Delivery
- ▶ All Color Choices Available
- ▶ Reliable Gold Plated End Contacts

Applications/Uses

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



SML-LXF0805 Package Style - Super Bright

Flat Solder Terminals

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. 138	Tape Specs Pg. 138
SML-LXF0805SIC-TR	AlInGaP	Super High Intensity Red	636	Clear	70	2.0	2.6	120	2000	Figure 1	Figure A
SML-LXF0805SOC-TR	AlInGaP	Super Orange	610	Clear	75	2.0	2.5	120	2000	Figure 1	Figure A
SML-LXF0805SRC-TR	GaAlAs	Super Red	660	Clear	70	1.7	2.2	120	2000	Figure 1	Figure A
SML-LXF0805SUGCTR	AlInGaP	Super Ultra Green	574	Clear	45	2.2	2.6	120	2000	Figure 1	Figure A
SML-LXF0805SYC-TR	AlInGaP	Super Yellow	590	Clear	70	2.0	2.5	120	2000	Figure 1	Figure A

SML-LXF0805 Package Style - Ultra Bright

Flat Solder Terminals

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. 138	Tape Specs Pg. 138
SML-LXF0805USBC-TR	InGaN	Ultra Super Blue	470	Clear	60	3.5	4.0	120	2000	Figure 1	Figure A
SML-LXF0805UPGC-TR	InGaN	Ultra Pure Green	525	Clear	80	3.5	4.0	120	2000	Figure 1	Figure A



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