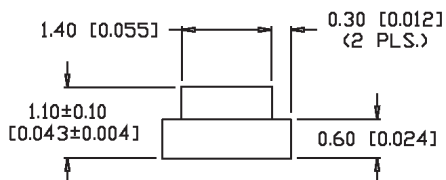
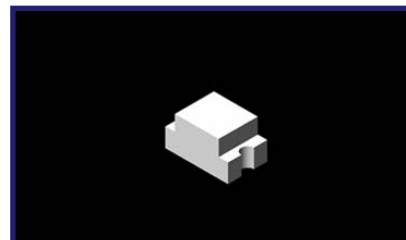
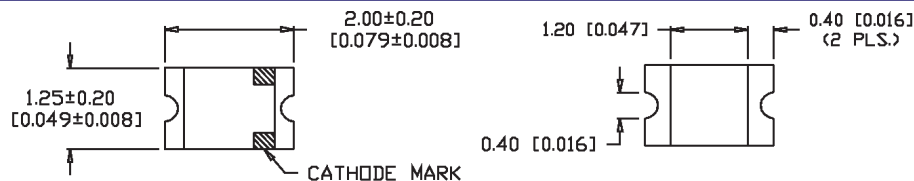




## SML-LX0805XC-TR

Half-Moon Solder Terminals

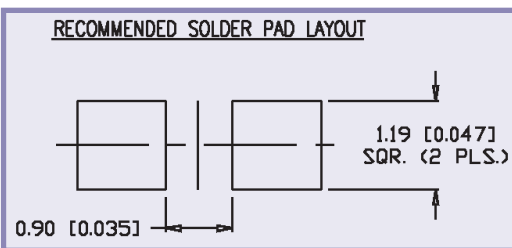


### Features/Options

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

### Applications/Uses

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



## SML-LX0805 Package Style - Super Bright

Half-Moon Solder Terminals

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. 138	Tape Specs Pg. 138
SML-LX0805SIC-TR	AllnGaP	Super High Intensity Red	636	Clear	60	2.0	2.6	140	3000	Figure 1	Figure A
SML-LX0805SOC-TR	AllnGaP	Super Orange	610	Clear	60	2.0	2.5	140	3000	Figure 1	Figure A
SML-LX0805DRC-TR	AllnGaP	Super Red	650	Clear	25	2.0	2.4	140	3000	Figure 1	Figure A
SML-LX0805SUGCTR	AllnGaP	Super Ultra Green	574	Clear	45	2.2	2.6	140	3000	Figure 1	Figure A
SML-LX0805SYC-TR	AllnGaP	Super Yellow	590	Clear	60	2.0	2.5	140	3000	Figure 1	Figure A

## SML-LX0805 Package Style - Ultra Bright and White

Half-Moon Solder Terminals

Lumex Part Number	Die Material	Emitted Color	Peak (nm)	Lens	Axial Intensity @ If=20mA	Chromaticity Coordinates		V <sub>f</sub> Typ @ If=20mA	V <sub>f</sub> Max @ If=20mA	View Angle° 2θ	Reel Size (pcs)	Reflow Profile Pg. 138	Tape Specs Pg. 138
						X	Y						
SML-LX0805USBC-TR	InGaN	Ultra Super Blue	470	Clear	25	-	-	3.5	4.0	140	3000	Figure 1	Figure A
SML-LX0805UPGC-TR	InGaN	Ultra Pure Green	525	Clear	45	-	-	3.5	4.0	140	3000	Figure 1	Figure A
SML-LX0805UWC-TR	InGaN	White	-	Clear	150	0.31	0.32	3.5	4.0	140	3000	Figure 1	Figure A



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