

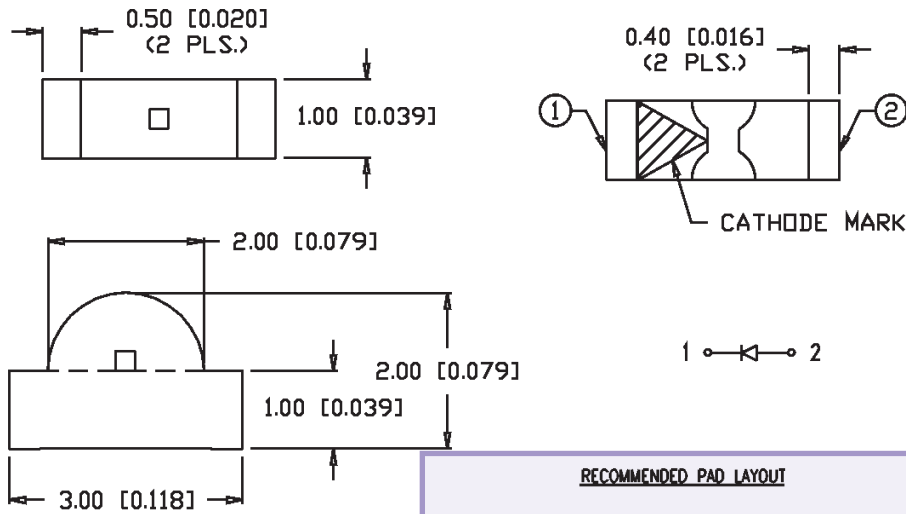
SMT LEDs ~ Right Angle



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SML-LXR851XC-TR

Right Angle SMT PCB Design



Features/Options

- ▶ Standard 0805 Package Style
- ▶ State-of-the-Art LED Die
- ▶ Wide Angle of Emission
- ▶ High Volume Capacity Production
- ▶ Quick Delivery
- ▶ All Color Choices Available
- ▶ Right Angle Light Emission
- ▶ 1.0 mm Board

Applications/Uses

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

SML-LXR851 Package Style - Super Bright

Right Angle SMT PCB Design

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-LXR851SIC-TR	AlInGaP	Super High Intensity Red	636	Clear	70	2.0	2.6	160	2000	Figure 1	Figure A
SML-LXR851SOC-TR	AlInGaP	Super Orange	610	Clear	75	2.0	2.5	160	2000	Figure 1	Figure A
SML-LXR851SRC-TR	GaAlAs	Super Red	660	Clear	33	1.7	2.2	160	2000	Figure 1	Figure A
SML-LXR851SUGC-TR	AlInGaP	Super Ultra Green	574	Clear	45	2.2	2.6	160	2000	Figure 1	Figure A
SML-LXR851SYC-TR	AlInGaP	Super Yellow	590	Clear	33	2.0	2.5	160	2000	Figure 1	Figure A

SML-LXR851 Package Style - Ultra Bright

Right Angle SMT PCB Design

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-LXR851USBC-TR	InGaN	Ultra Super Blue	470	Clear	30	3.5	4.0	160	2000	Figure 1	Figure A
SML-LXR851UPGC-TR	InGaN	Ultra Pure Green	525	Clear	45	3.5	4.0	160	2000	Figure 1	Figure A

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