

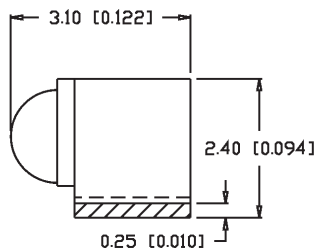
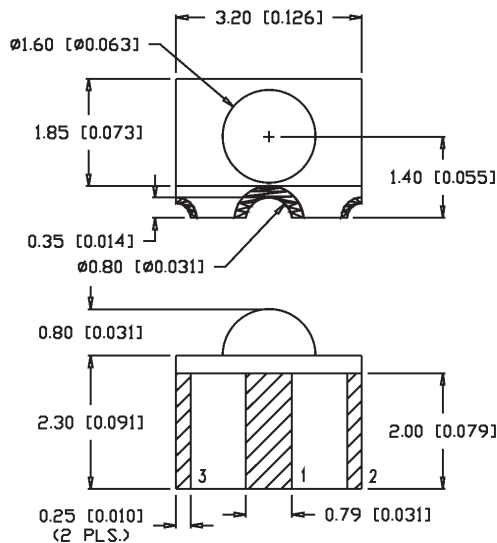
SMT LEDs ~ Right Angle ~ One Piece

PATENT PENDING



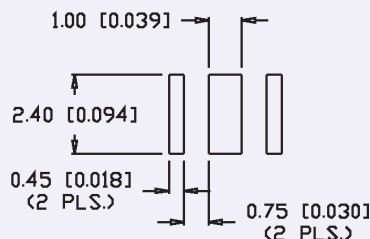
SMF-2432XC-TR

Right Angle SMT PCB Design



3 1

RECOMMENDED SOLDER PAD LAYOUT



Features/Options

- ▶ Chip Center 1.4 mm Off-Board For Good Light Emission
- ▶ State-of-the-Art LED Die
- ▶ Wide Angle of Emission
- ▶ High Volume Capacity Production
- ▶ Quick Delivery
- ▶ All Color Choices Available
- ▶ Right Angle Light Emission

Applications/Uses

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

PATENT PENDING

SMF-2432 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
SMF-2432SIC-TR	AlInGaP	Super High Intensity Red	636	Clear	60	2.0	2.6	110	500	Figure 1	Figure A
SMF-2432SOC-TR	AlInGaP	Super Orange	610	Clear	60	2.0	2.5	110	500	Figure 1	Figure A
SMF-2432SUGC-TR	AlInGaP	Super Ultra Green	574	Clear	40	2.2	2.6	110	500	Figure 1	Figure A
SMF-2432SYC-TR	AlInGaP	Super Yellow	590	Clear	170	2.1	2.8	110	500	Figure 1	Figure A

PATENT PENDING

SMF-2432 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
SMF-2432USBC-TR	InGaN	Ultra Super Blue	470	Clear	140	3.5	4.0	110	500	Figure 1	Figure A
SMF-2432UPGC-TR	InGaN	Ultra Pure Green	525	Clear	160	3.5	4.0	110	500	Figure 1	Figure A



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