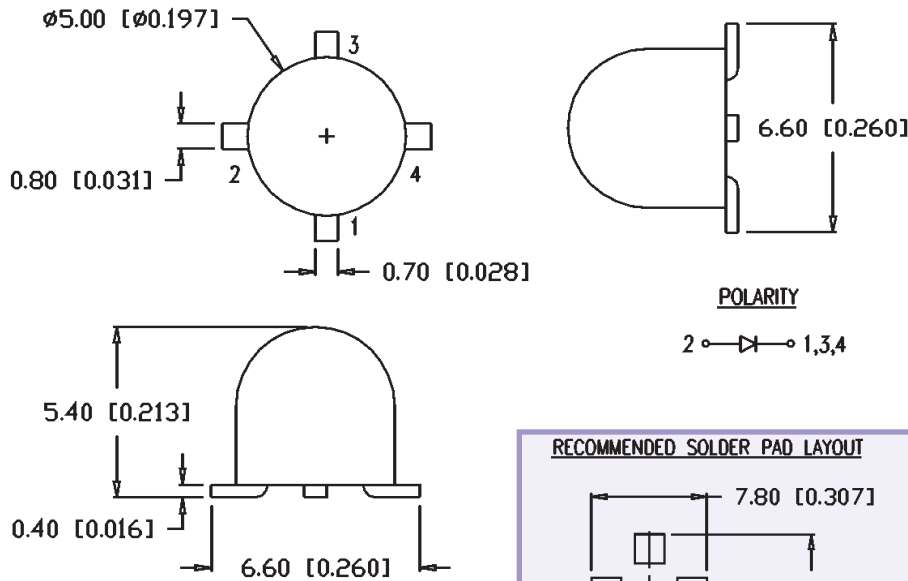


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SML-LXL505XXXXC

T5mm Dome Vertical Mount



Features/Options

- ▶ Epoxy Lead Frame
- ▶ Dome Lens Molded Package
- ▶ Lead Frame Soldering Reliability
- ▶ State-of-the-Art LED Die
- ▶ Built-In Lens for Focused Emission
- ▶ Low Tooling Costs for Custom Lens Shapes

Applications/Uses

- ▶ Keyboard/Keypad Illumination
- ▶ Circuit Fault Indicators
- ▶ Position Indicators
- ▶ Display or Character Backlighting
- ▶ Control Board Indicators
- ▶ Medical Diagnostic Instruments

SML-LXL505 Package Style - Super Bright

T5mm Dome Vertical Mount

Lumex Part Number	Die Material	Emitted Color	Peak (nm)	Lens	Axial Intensity @ If=20mA	V _i Typ @ If=20mA	V _i Max @ If=20mA	View Angle° 2θ	Reel Size (pcs)	Reflow Profile Pg. 134	Tape Specs Pg. 134
SML-LXL505SIC-TR	AlInGaP	Super High Intensity Red	636	Clear	1200	2	2.6	30	500	Figure 1	Figure F
SML-LXL505SOC-TR	AlInGaP	Super Orange	610	Clear	1500	2	2.5	30	500	Figure 1	Figure F
SML-LXL505SRC-TR	GaAlAs	Super Red	660	Clear	400	1.7	2.2	30	500	Figure 1	Figure F
SML-LXL505SUGC-TR	AlInGaP	Super Ultra Green	574	Clear	100	2.2	2.6	30	500	Figure 1	Figure F
SML-LXL505SYC-TR	AlInGaP	Super Yellow	590	Clear	1200	2	2.5	30	500	Figure 1	Figure F

SML-LXL505 Package Style - Full Color and White

T5mm Dome Vertical Mount

Lumex Part Number	Die Material	Emitted Color	Peak (nm)	Lens	Axial Intensity @ If=20mA	Chromaticity Coordinates		V _i Typ @ If=20mA	V _i Max @ If=20mA	View Angle° 2θ	Reel Size (pcs)	Reflow Profile Pg. 134	Tape Specs Pg. 134
						X	Y						
SML-LXL505SIUPGUSC	AlInGaP	Super High Intensity Red	636	Clear	800	-	-	2.0	2.6	30	500	Figure 1	Figure F
	InGaN	Ultra Pure Green	525		700			3.5	4.0				
	InGaN	Ultra Super Blue	470		800			3.5	4.0				
SML-LXL505UWC-TR	InGaN	Ultra White	-	Clear	1100	0.31	0.32	3.5	4.0	30	500	Figure 1	Figure F