

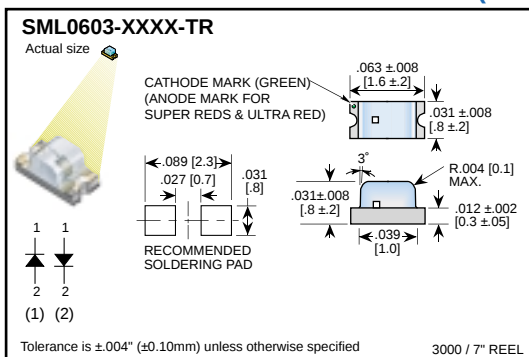
Features

- Compatible With Automatic Placement Equipment
- Compatible With IR and Vapor Phase Reflow Solder Processes
- EIA Standard 8mm Tape, 7" Reel
- Small Size and Low Profile
- Ideal for High Density Mounting
- Industry Standard Footprint

Applications

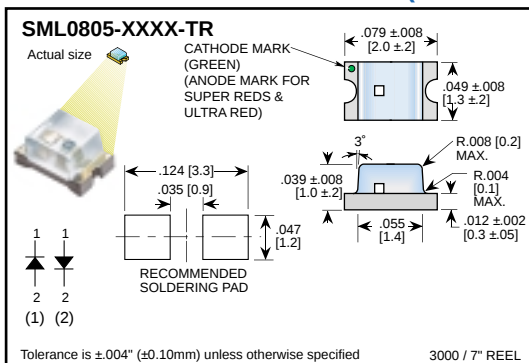
- Optical Coupling into Light Pipes
- Backlighting Legends, LCD
- Logic/ Fault Status Indicator
- Backlighting Bargraph Light Pipes

0603 Profile Ultra-Miniature SurfLED (1.6x0.8mm)



Part Number	LED Color	Lens Type/ Color	Electrical-Optical Characteristics (Ta = 25°C)				Full Viewing Angle
			If = mA typ	Iv mcd typ	Vf = V typ/max	λP nm	
High-Efficiency Intensity							
SML0603-R6-TR	SUPER RED	●	CLEAR	20	20.0	1.7/2.6	660
SML0603-R4-TR	HI-EFF RED	●		20	12.0	1.9/2.6	635
SML0603-O4-TR	AMBER	●		20	15.0	2.0/2.6	610
SML0603-Y4-TR	YELLOW	●		20	10.0	2.1/2.6	585
SML0603-G5-TR	HI-EF GREEN	●		20	18.0	2.0/2.6	568
SML0603-G4-TR	GREEN	●		20	15.0	2.1/2.6	568
SML0603-PG4-TR	PURE GREEN	●		20	2.0	2.2/2.6	555
Super-Bright Intensity							
SML0603-R1K-TR	SUPER RED	●	CLEAR	20	25.0	1.8/2.6	660
SML0603-R3K-TR	ULTRA RED	●		20	40.0	2.0/2.6	660
SML0603-O3K-TR	SUPER ORANGE	●		20	60.0	2.0/2.6	620
SML0603-O3KH-TR	SOFT ORANGE	●		20	50.0	2.0/2.6	610
SML0603-Y3K-TR	SUPER YELLOW	●		20	60.0	2.0/2.6	595
SML0603-Y3KH-TR	SUPER YELLOW	●		20	60.0	2.0/2.6	587
SML0603-AG3K-TR	AQUA GREEN	●		20	60.0	3.5/4.0	523
SML0603-B1K-TR	SUPER BLUE	●		20	30.0	3.6/4.0	470

0805 Profile Miniature SurfLED (2x1.25mm)



Part Number	LED Color	Lens Type/ Color	Electrical-Optical Characteristics (Ta = 25°C)				Full Viewing Angle
			If = mA typ	Iv mcd typ	Vf = V typ/max	λP nm	
High-Efficiency Intensity							
SML0805-R6-TR	SUPER RED	●	CLEAR	20	20.0	1.7/2.6	660
SML0805-R4-TR	HI-EFF RED	●		20	12.0	1.9/2.6	635
SML0805-O4-TR	AMBER	●		20	15.0	2.0/2.6	610
SML0805-Y4-TR	YELLOW	●		20	10.0	2.1/2.6	585
SML0805-G5-TR	HI-EF GREEN	●		20	18.0	2.0/2.6	568
SML0805-G4-TR	GREEN	●		20	15.0	2.1/2.6	568
SML0805-PG4-TR	PURE GREEN	●		20	2.0	2.2/2.6	555
Super-Bright Intensity							
SML0805-R1K-TR	SUPER RED	●	CLEAR	20	25.0	1.8/2.6	660
SML0805-R3K-TR	ULTRA RED	●		20	40.0	2.0/2.6	660
SML0805-O3K-TR	SUPER ORANGE	●		20	60.0	2.0/2.6	620
SML0805-O3KH-TR	SOFT ORANGE	●		20	50.0	2.0/2.6	610
SML0805-Y3K-TR	SUPER YELLOW	●		20	60.0	2.0/2.6	595
SML0805-Y3KH-TR	SUPER YELLOW	●		20	60.0	2.0/2.6	587
SML0805-AG3K-TR	AQUA GREEN	●		20	60.0	3.5/4.0	523
SML0805-B1K-TR	SUPER BLUE	●		20	40.0	3.6/4.0	470

