

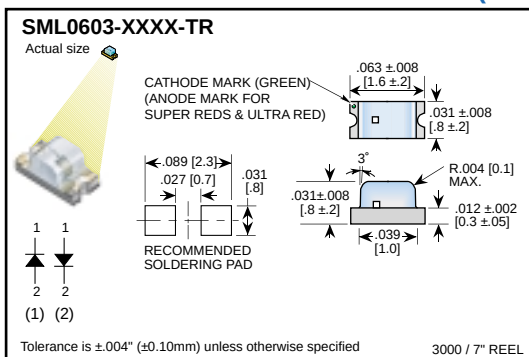
Features

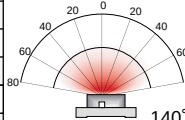
- Compatible With Automatic Placement Equipment
- Compatible With IR and Vapor Phase Reflow Solder Processes
- EIA Standard 8mm Tape, 7" Reel
- Small Size and Low Profile
- Ideal for High Density Mounting
- Industry Standard Footprint

Applications

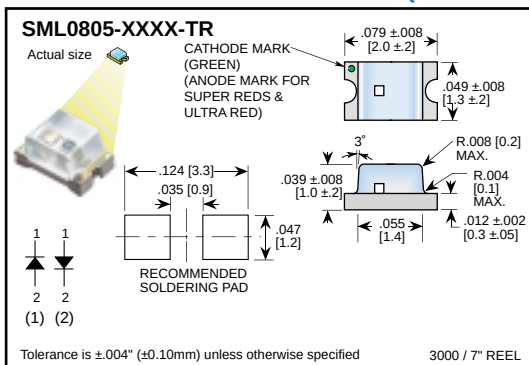
- Optical Coupling into Light Pipes
- Backlighting Legends, LCD
- Logic/ Fault Status Indicator
- Backlighting Bargraph Light Pipes

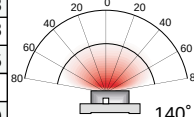
0603 Profile Ultra-Miniature SurfLED (1.6x0.8mm)



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		