

SMD LED 0603 Series

FEATURES

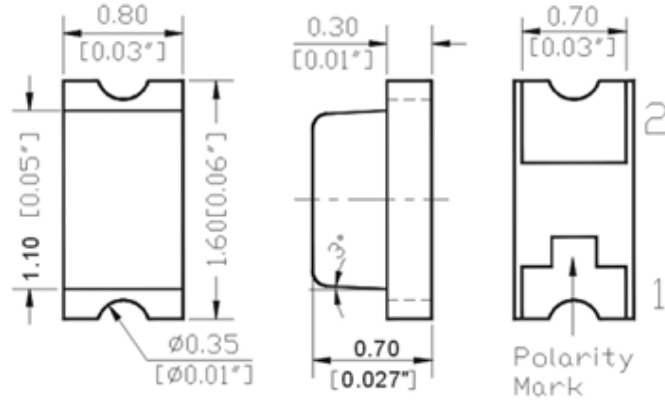
LOW POWER CONSUMPTION.
 WIDE VIEWING ANGLE.
 IDEAL FOR BACKLIGHT AND INDICATOR.
 VARIOUS COLORS AND LENS TYPES
 AVAILABLE.

Description:

1.6mmx0.8mm SMT LED, 1.1mm THICKNESS.

PACKAGE DIMENSIONS

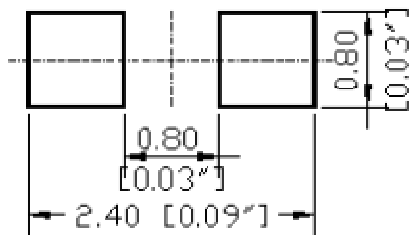
Package Outline Drawing:



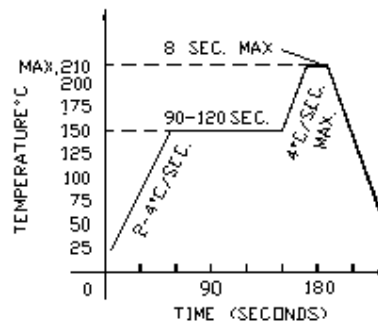
NOTES 1. All dimensions are in millimeters (inches);
 2. Tolerances are ± 0.1 mm (0.004inch) unless otherwise noted;
 3. Resin color: water clear.

Part No.	Raw Material	Wave Length λ (nm)	Emitting color	Lens Type	Vf(V) Typ	Iv(mcd) Typ	Viewing angle $2\theta_{1/2}$ (°)
					At 20mA		
S0603C0-10	GaAlAs	645	Red	Water Clear	1.8	15	140
S0603C0-11	AlGaInP	630	Red	Water Clear	2.0	35	140
S0603C0-20	AlGaInP	620	Orange	Water Clear	2.0	45	140
S0603C0-30	AlGaInP	585	Yellow	Water Clear	2.0	45	140
S0603C0-39	GaP	575	Yellow Green	Water Clear	2.3	10	140
S0603C0-40	AlInGaN	525	Green	Water Clear	3.3	120	140
S0603C0-50	AlInGaN	470	Blue	Water Clear	3.3	30	140
S0603D0-70	AlInGaN		White	Diffused	3.3	80	140
S0603D0-09	AlInGaN		Pink	Diffused	3.3	30	140

Recommended Soldering Pattern For Reflow Soldering

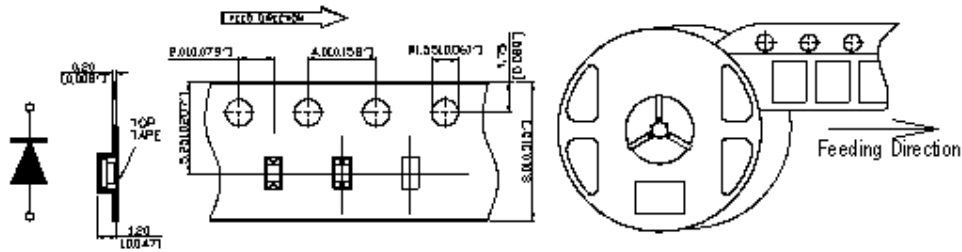
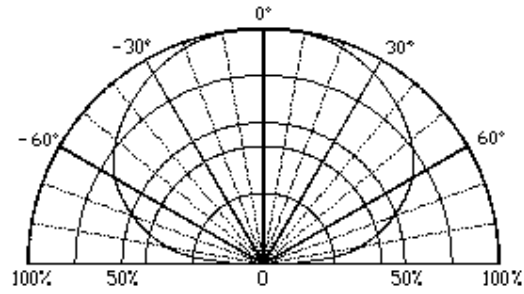


Recommended Reflow Soldering Profile.



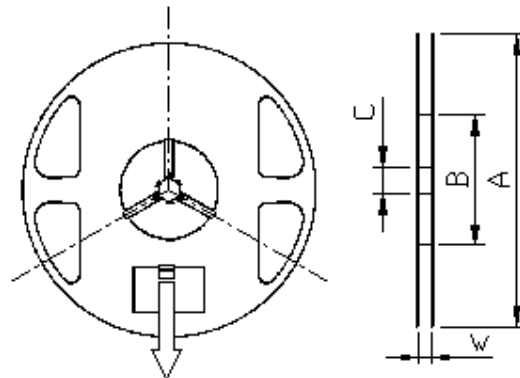
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Directive Characteristics



Dimensions per ANSIEIA Standard RS-481
All dimensions are in Millimeters (inches).

A	180[7.09]	
B	60[2.36]	
C	13.5[0.53]	
W	8.4[0.33]	
Thickness of top cover tape 0.1[0.004] MAX		



PART NO.	
LOT NO.	
 	
QTY.	DATE:
 	

NOTES:

1. Empty component pockets are sealed with top cover tape;
2. The maximum number of missing lamps is two;
3. The cathode is oriented towards the tape sprocket hole in accordance with ANSIEIA RS-481 specifications.
4. 4000pcs/Reel