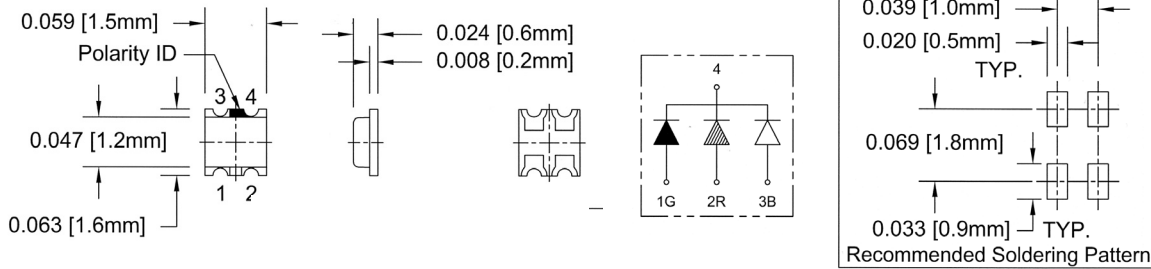


SURFACE MOUNT LEDs

SMD LEDs—Low Profile—Thin Chip

- Low Profile
- Tri-Chip Design
- 1.5mm x 1.6mm
- 4,000 per Reel, Smaller Quantities Available

SMTC0606 Series		RGB Tri-Color										
LED Part No.	Chip			Lens Appearance	Absolute Max. Ratings				Electro-Optical Data @20mA			Viewing Angle 2 θ 1/2 (deg)
	Material	Peak Wave Length λ _p (nm)	Emitted Color		Δλ (nm)	Pd (mW)	If (mA)	Peak If (mA)	V _f (V)		I _v (mcd)	
									TYP	MAX	TYP	
SMTC0606RGB	AlGaInP	635	SUPER RED	WATER CLEAR	20	81	30	125	2.2	2.7	95	140
	InGaN/SiC	520	SUPER GREEN		35	129	30	125	3.8	4.3	175	
	InGaN/SiC	465	SUPER BLUE		25	126	30	125	3.7	4.2	45	



- 3.0mm x 1.6mm
- 3,000 per Reel, Smaller Quantities Available

SM1206SRGB-6P		RGB Tri-Color, Super Red/Green/Blue										
LED Part No.	Chip			Lens Appearance	Absolute Max. Ratings				Electro-Optical Data @20mA			Viewing Angle 2 θ 1/2 (deg)
	Material	Peak Wave Length λ _p (nm)	Emitted Color		Δλ (nm)	Pd (mW)	If (mA)	Peak If (mA)	V _f (V)		I _v (mcd)	
									TYP	MAX	TYP	
SM1206SRGB-6P	GaAlAs	654	RED	WATER CLEAR	30	120	20	30	2.0	2.5	45	140
	InGaN	525	GREEN		30	120	20	30	3.2	3.6	120	
	GaInN	460	BLUE		30	120	20	30	3.4	4.0	52	

