

LED5050

5050 series Top View Led

Features

- ◆ Top View red-violet LEDs (5.0x 5.0 x 1.6 mm)
- ◆ Lead frame package with individual 6 pins
- ◆ Wide view angle (X : 120° / Y : 120°)
- ◆ Soldering methods : IR reflow soldering
- ◆ ESD protection
- ◆ Pb free
- ◆ Green product, remain within RoHS



Luminous Intensity Ranks

Part Name	Color	Condition	Luminous intensity			Unit
			Min	Typ	Max	
LED5050	IR	IF=20mA	8	10		mW
	R		750	1000		mcd
	UV		8	10		mW

Tolerance (IV) : ± 7%

Forward Voltage Ranks

Part Name	Color	Condition	VF			Unit
			Min	Typ	Max	
LED5050	IR	IF=20mA	1.2	1.4	1.8	V
	R		1.8	2.1	2.6	
	UV		2.9	3.1	3.6	

Tolerance (VF) : ± 0.1V

Dominant Wavelength Ranks

Part Name	Color	Condition	Symbol	Wavelength(nm)		
				Min	Typ	Max
LED5050	IR	IF=20mA	WLP	845	850	855
	R		WLD	620	625	630
	UV		WLP	410	415	420

Tolerance (VF) : ± 1nm

LED Package Dimensions and Polarity

