

LED2835

2835 series Top View Led

Features

- ◆ Top View red-violet LEDs (3.5x 2.8 x 0.7 mm)
- ◆ Lead frame package with individual 2 pins
- ◆ Wide view angle (X : 120° / Y : 120°)
- ◆ Soldering methods : IR reflow soldering
- ◆ ESD protection
- ◆ Pb free
- ◆ Green product, remain within RoHS



Absolute Maximum Ratings

Parameter	Symbol	Rating	Unit
DC Forward Current	I_{FD}	75	mA
Peak Pulse Current (tp ≤ 10ms, Duty cycle = 1/10)	I_{FP}	100	mA
Reverse Voltage	V_R	5	V
Power Dissipation	PD	0.2	W
LED Junction Temperature	T_j	125	°C
Operation Temperature	T_{opr}	-40~80	°C
Storage Temperature	T_{stg}	-40~100	°C
Soldering Temperature	T_{sol}	260° for 10 sec	°C
Manual Soldering 350°C (MAX)		3	sec
ESD Sensitivity (HBM)	V_B	2000	V

Luminous Intensity Ranks

Part Name	Color	Condition	Luminous intensity			Unit
			Min	Typ	Max	
LED2835	cool white	IF=75mA	45		65.9	mcd

Forward Voltage Ranks

Part Name	Color	Condition	Min	VF		Unit
				Typ	Max	
LED2835	cool white	IF=75mA	5.8		6.6	V

Color Rendering Index

Part Name	Color	Condition	Min	CRI(RA)		Unit
				Typ	Max	
LED2835	cool white	IF=75mA	75		80	

LED Package Dimensions and Polarity

