



■Description

- 100pcs standard 2835 SMD LED are supplied in a storage box
- Easy to use and storage
- Widely applied to DIY projects, school science experiments, car decorations, etc.

■Features

- 2.8x3.5x0.7mm standard 120° directivity
- Superior UV Resistance
- Red color
- Water clear

■Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value	Unit
		Red	
DC Forward Current	I _F	80	mA
Pulse Forward Current#	I _{FP}	150	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	192	mW
Operating Temperature	Topr	-30 ~ +85	°C
Storage Temperature	Tstg	-40~ +100	°C
Lead Soldering Temperature	Tsol	260°C/10sec	-

#Pulse width Max.10ms Duty ratio max 1/10

■Electrical -Optical Characteristics (Ta=25°C)

2835 SMD LED	
LED P/N	OSR52835
Light Color	Red
Lens Color	Water Clear
Wavelength*1	620-630nm
Luminous Intensity(typ.)*2	1560mcd
Forward Voltage*3	1.8-2.4V
Forward Current	60mA
Viewing Angle(typ.)	120°
Quantity(pcs)/Box	100

*1 Tolerance of measurements of dominant wavelength is ±1nm

*2 Tolerance of measurements of luminous intensity is ±15%

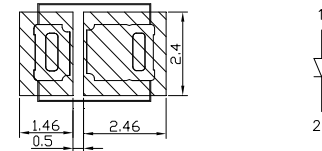
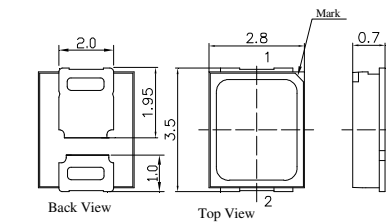
*3 Tolerance of measurements of forward voltage is ±0.1V

■Product Picture

100pcs/Box (Dimensions:67**49*23mm)



■Outline Dimension



Recommended Solder Pad

Unit: mm
Tolerance: ±0.20mm
unless otherwise noted

■Directivity

