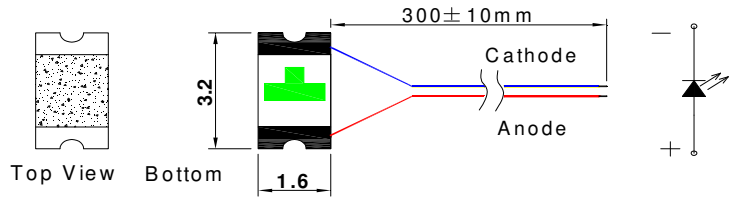


■ Description

- LED Kit includes pre-wired 1206 Chip LEDs
- 30pcs are supplied in a storage box
- Easy to use and storage
- Widely applied to DIY projects
- Can be easily wired to any model boat, train, spaceship etc.

■ Outline Dimension



Notes: 1. All dimensions are in millimeters ;
2. Tolerance is ± 0.20 mm unless otherwise noted.

■ Features

- 3.2*1.6mm 120° chip LED with wire
- Dia.0.25mm electric wire, length 300±10mm
- Red/Yellow/Orange/Blue/Pure Green/Cool White

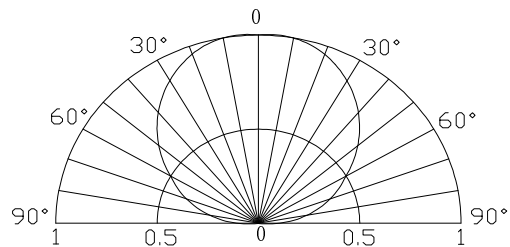
30pcs/Box (Dimensions:67*49*23mm)



■ Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value		Unit
		B/G/W	R/Y/O	
DC Forward Current	I _F	20	20	mA
Pulse Forward Current#	I _{FP}	100	100	mA
Reverse Voltage	V _R	5	5	V
Power Dissipation	P _D	102	72	mW
Operating Temperature	Topr	-30 ~ +85		°C
Storage Temperature	Tstg	-40 ~ +100		°C
Lead Soldering Temperature	Tsol	260°C/5sec		-

■ Directivity



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

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

1206 Prewired Chip LED						
LED P/N	OSR51206-W30	OSY51206-W30	OSO51206-W30	OSB51206-W30	OSG51206-W30	OSW51206-W30
Light Color	Red	Yellow	Orange	Blue	Pure Green	Cool White
Lens Color	Water Clear	Water Clear	Water Clear	Water Clear	Water Clear	Yellow Diffused
Wavelength*1/Color Temperature*2	620-630nm	585-595nm	600-610nm	465-475nm	520-530nm	8500-18000K
Luminous Intensity(typ.)*3	70mcd	70mcd	70mcd	55mcd	250mcd	250mcd
Forward Voltage*4	1.6-2.4V	1.6-2.4V	1.6-2.4V	2.5-3.4V	2.5-3.4V	2.5-3.4V
Forward Current	10mA	10mA	10mA	10mA	10mA	10mA
Viewing Angle(typ.)	120°	120°	120°	120°	120°	120°
Wire Length(mm)	300±10	300±10	300±10	300±10	300±10	300±10
Quantity(pcs)/Box	5	5	5	5	5	5

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

*2 Tolerance of measurements of color temperature is $\pm 10\%$

*3 Tolerance of measurements of luminous intensity is $\pm 15\%$

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