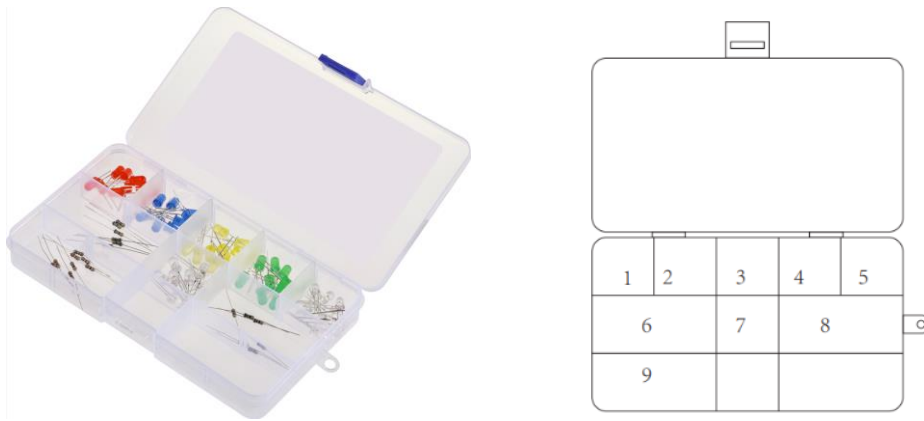


Data Sheet

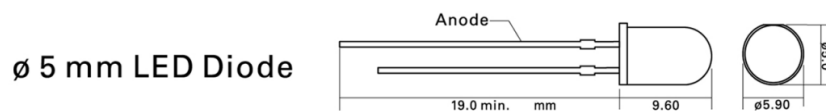
5 mm round LED with carbon film resistors, 80 pcs/ pack



Contents:

Section No.	Contents	Pcs
1	Ø5mm LED, Red	10
2	Ø 5mm LED, Blue	10
3	Ø 5mm LED, Yellow	10
4	Ø 5mm LED, Green	10
5	Ø 5mm LED, Warm white	10
6	680Ω 1/4W carbon film resistors	6
7	Ø 5mm LED, Cold white	10
8	160Ω 1/4W carbon film resistors	6
9	820Ω 1/4W carbon film resistors	8

Technical data

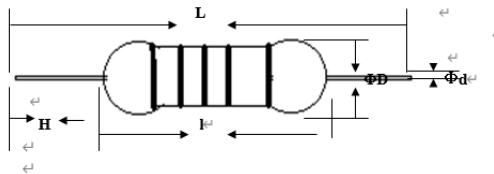


Light source	Red	Blue	Yellow	Green	Warm White	Cold White
Lens Color	Diffuse	Diffuse	Diffuse	Diffuse	Water clear	Water clear
Wavelength/ Color temperature	620-625 nm	452-456 nm	588-593 nm	568-573 nm	2500-2700 K	23000 K
Max. Luminous intensity	600 mcd	400 mcd	800 mcd	150 mcd	20000 mcd	20000 mcd

Data Sheet

Viewing angle	35°	35°	35°	35°	30°	35°
Forward voltage	2.0 v	3.0 v	2.0 v	2.0 v	3.0 v	3.0 v
Forward current	20 mA	20 mA	20 mA	20 mA	20 mA	20 mA
Operating temp.	-25 to +80 °C					
Storage temp.	-25 to +80 °C					

Carbon film Resistor



POWER RATING 70°C	MAXIMUM WORKING VOLTAGE	MAXIMUM OVERLOAD VOLTAGE	DIMENSION (mm)					RESISTANCE RANGE
			L	I	D	H	d±0.02	
1/4W	250V	500V	60	6.0±0.5	2.3±0.3	28±2.0	0.35	0.1E-22M

■ Color Coding

Color	1 st digit	2 nd digit	Multiplier	Tolerance
Black	0	0	1Ω	
Silver			0.01Ω	±10%
Golden			0.1Ω	±5%
Brown	1	1	10Ω	±1%
Red	2	2	100Ω	±2%
Orange	3	3	1KΩ	
Yellow	4	4	10KΩ	
Green	5	5	100KΩ	±0.5%
Blue	6	6	1MΩ	±0.25%
Violet	7	7	10MΩ	±0.1%
Gray	8	8		
White	9	9		

