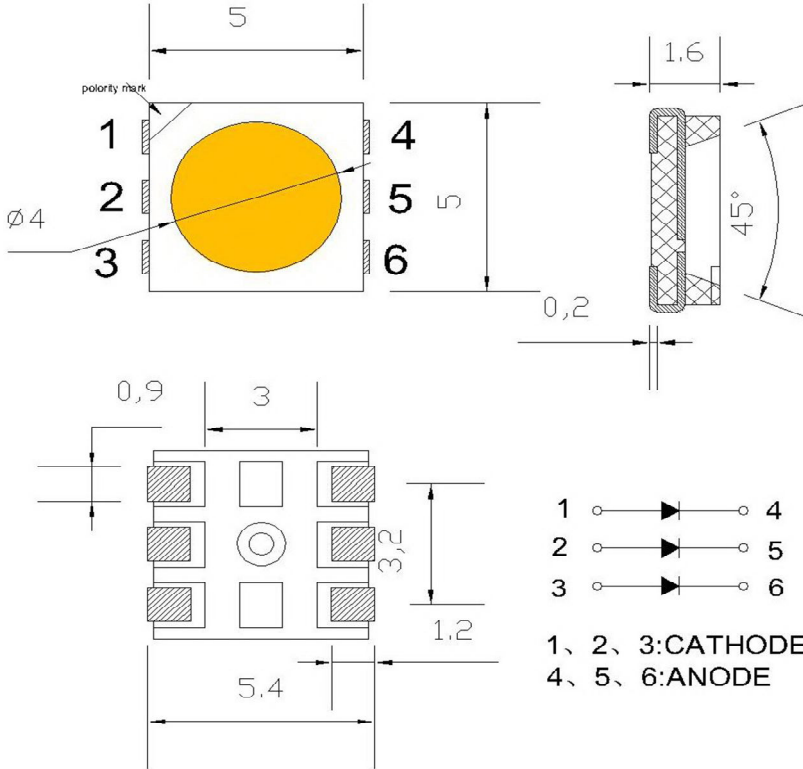
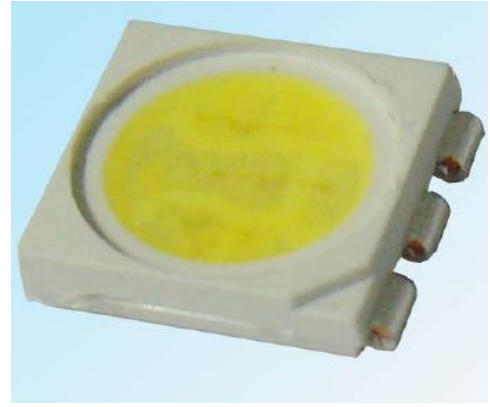


SB-SMD-5050-White Warm



ATTENTION
OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
DISCHARGE
SENSITIVE
DEVICES



Notes:

1. All dimension units are in millimeters.
2. All dimension tolerance is ± 0.15 mm unless otherwise noted.

Parameter	Symbol	Rating	Unit
Power Dissipation	Pd	200	mW
Forward Current	I _F	80	mA
Peak Forward Current	I _{FP}	120	mA
Reverse Voltage	V _R	5	V
Soldering Temperature	T _{sol}	260 (for 10 seconds)	°C
Operating Temperature	T _{opr}	-30~80	°C
Storage Temperature	T _{stg}	-40~100	°C
Electrostatic discharge	ESD	2000	V

Parameter	Symbol	Min.	Typ.	Max.	Unit	Condition
Forward Voltage	V _f	3.0	----	3.6	V	I _F =60mA
Luminous Intensity	I _V	3700	-----	4100	mcd	I _F =60mA
Color Temperature	CCT	3150		3300	K	I _F =60mA
Viewing Angle	2θ _{1/2}	----	120	----	deg	I _F =60mA
Reverse Current	I _R	----	----	5	μA	V _R =5V

Note:

1. Tolerance of luminous intensity is $\pm 10\%$
2. Tolerance of forward voltage is ± 0.05 V

Typical Electro-Optical Characteristics Curves

