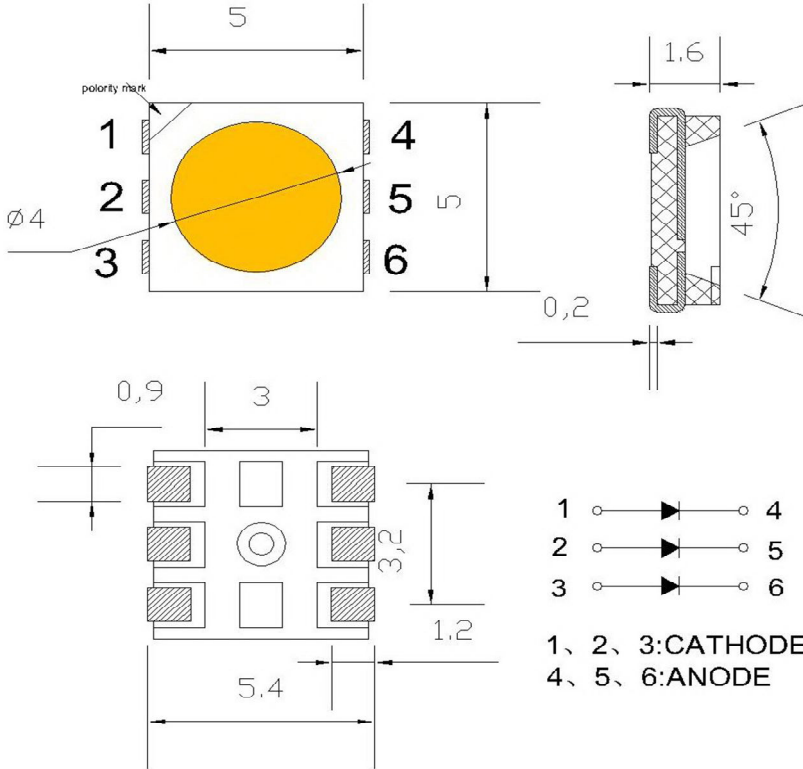


SB-SMD-5050-White Warm



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	P_d	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	$2\theta_{1/2}$	----	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 $\pm 0.05V$

Typical Electro-Optical Characteristics Curves

