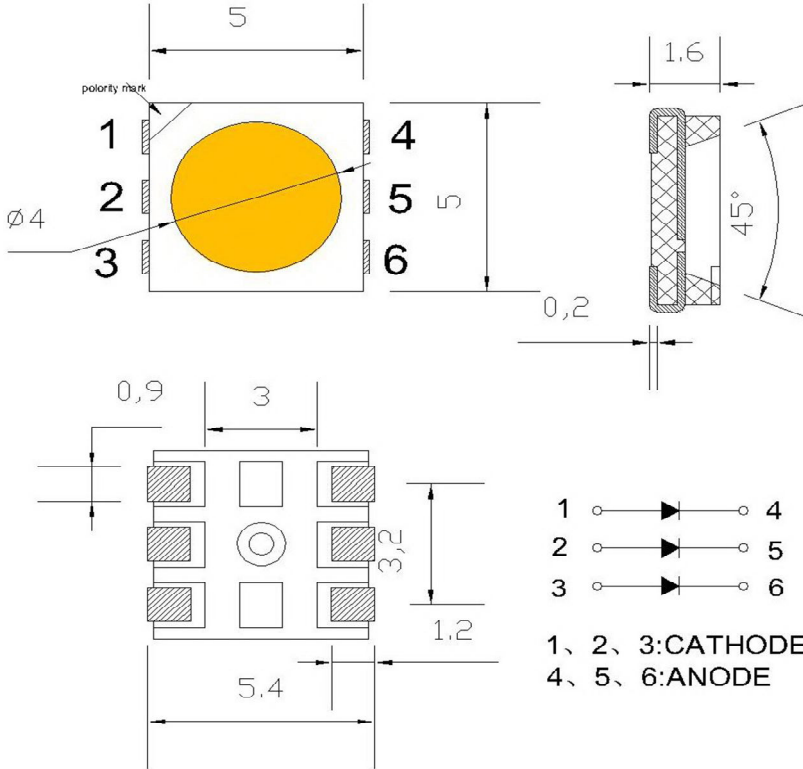


SB-SMD-5050-White Cool



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
Peak Forward Current	IFp	60*3	mA
Reverse Voltage	VR	5.0	V
Continuous Forward Current	IF	20*3	mA
Recommend Operating Current	IF	18*3	mA
Operating Temperature	T _{opr}	-20 ÷ +75	°C
Storage Temperature	T _{stg}	-30 ÷ +100	°C

Parameter	Condition	Symbol	Min	Typ	Max	Units
Power Dissipation	IF=20*3mA	Pd	--	200	--	mw
Correlated Color Temperature	IF=20*3mA	CCT	--	6000	--	K
Forward Voltage	IF=20*3mA	VF	2,8	3,4	3,8	v
Reverse Current	VR=5V	IR	--	--	10	µA
Chromaticity Coordinates	IF=20*3mA	X	--	0.32	--	
	IF=20*3mA	Y	--	0.34	--	
Luminous Intensity	IF=20*3mA	IV	2900	4000	--	mcd
Luminous Flux	IF=20*3mA	φv	9	12	--	Lm
Color Rendering Index	IF=20*3mA	CRI	65	--	--	Ra
Full Viewing Angle	IF=20*3mA	2θ1/2	--	110	--	deg