



**PART NO:** 53B3SCS08

**DESC:** 5mm/Round Blue Super Bright LED

## SPECIFICATIONS

### ■ ABSOLUTE MAXIMUM RATING (TA=25°C)

Parameter	Symbol	Condition	Rating	Unit
Power Dissipation	P <sub>D</sub>	IF=20mA	70	mW
Forward Current	I <sub>F</sub>	—	25	mA
Operating Temperature	T <sub>opr</sub>	—	-40-85	°C
Storage Temperature	T <sub>stg</sub>	—	-40-100	°C
Lead Soldering Temperature	T <sub>sol</sub>	For 5Sec	<+260	°C

### ■ ELECTRICAL/OPTICAL CHARACTERISTICS RATING (TA=25°C)

Item	Symbol	Test Condition	Rating			Unit
			Min	TYP	Max	
Forward Voltage	V <sub>F</sub>	IF=20mA	—	3.3	3.5	V
Reverse Current	I <sub>R</sub>	VR=5V	—	—	50	μA
Luminous Intensity	I <sub>v</sub>	IF=20mA	800	—	1500	mcd
Dominant Wavelength	λ <sub>D</sub>	IF=20mA	—	470	—	nm
Viewing Angle 2θ1/2	—	—	15			DEGREE

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# PACKAGE DIMENSION

**Tolerance:  $\pm 0.25(0.01)$**

**Unit: mm(inch).**

