



**PART NO:** 5R3UT-2/R

**DESP:** 5mm/Round Red Super Bright LED

## SPECIFICATIONS

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

Parameter	Symbol	Condition	Rating	Unit
Power Dissipation	P <sub>D</sub>	IF=20mA	48	mW
Forward Current	I <sub>F</sub>	—	25	mA
Reverse Voltage	V <sub>R</sub>	IR=10μA	5	V
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	—	2.0	2.4	V
Reverse Current	I <sub>R</sub>	VR=5V	—	—	10	μA
Luminous Intensity	I <sub>v</sub>	IF=20mA	2000	—	3500	mcd
Dominant Wavelength	λ <sub>D</sub>	IF=20mA	—	635	—	nm
Viewing Angle 2θ1/2	—	—	30			DEGREE

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## PACKAGE DIMENSION

Tolerance:  $\pm 0.25(0.01)$

Unit: mm(inch).

