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5mm Blue LED

Part #: RL5-B2545 | UPC: 84778101193
In Stock

\$0.72 ea.

Qty:

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Ships today if ordered before 1:00 PM CST,
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Specifications

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Product Description

RL5-B2545 5mm through hole Blue LED. 472nm wavelength Blue LED, 2,500mcd. with 45 degree viewing angle. See spectral graph for actual wavelength measurement.

General Specifications

Color	Blue	Continuous Forward Current	30
Forward Voltage	3.5V	LED Package	5 mm (T-1 3/4)
Lens Color	Clear	Lumen	1.2 Lumen
Maximum Forward Voltage	4V	Millicandela	2500mcd
Operating Temperature	-20~+80	Peak Forward Current	50mA
Power Dissipation	120mW	Reverse Current	10
Reverse Voltage	5V	Storage Temperature	-30~+100
Tube Diameter	T1-3/4	Viewing Angle	45 degree
Wattage Consumption	0.105 Watts	Wavelength	472 nm

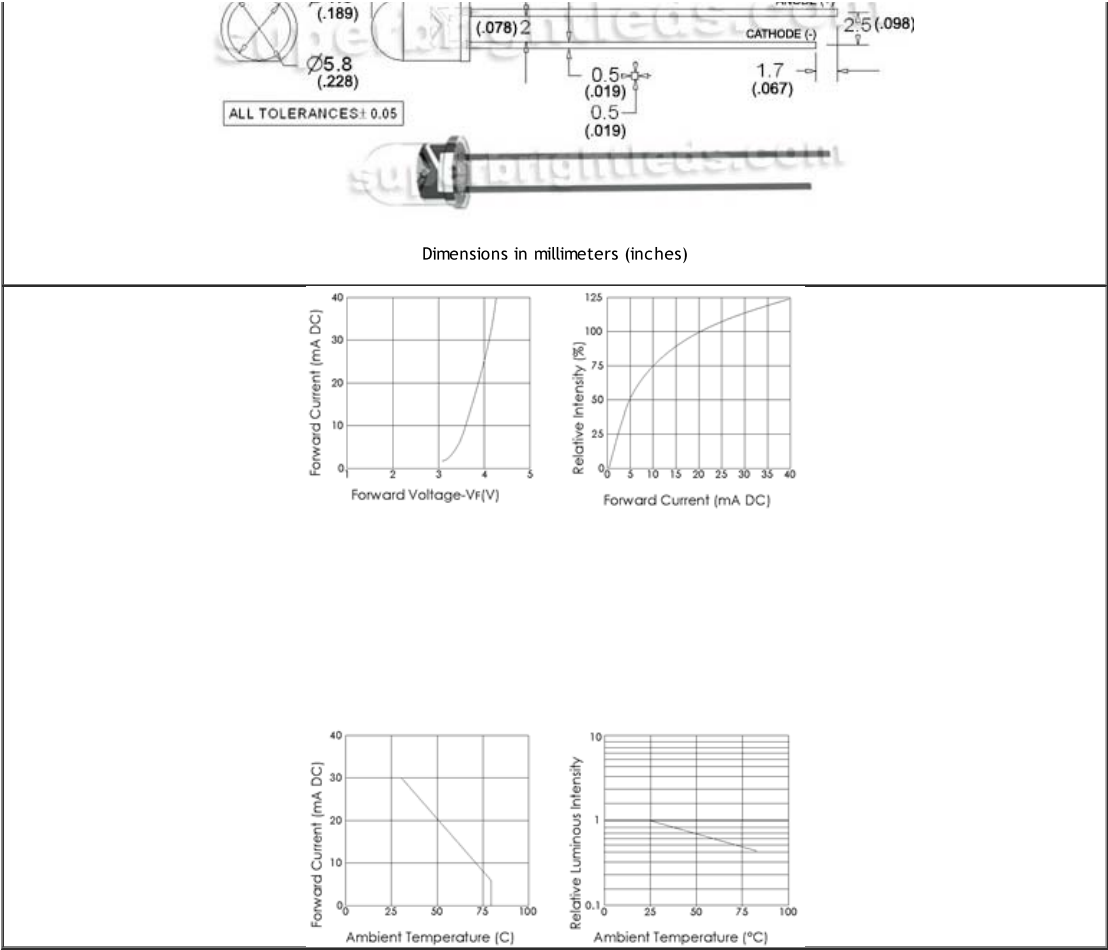
Part Number: RL5-B2545 - Super-Blue LED (InGaN), Chip Manufacturer: TEKCORE
absolute maximum ratings: (TA=25°C)

PARAMETER	SYMBOL	RATING	UNIT
Power Dissipation	PD	120	mW
Continuous Forward Current	IF	30	mA
Peak Forward Current (1/10th duty cycle, 0.1ms pulse width)	IFM	50	mA
Reverse Voltage	VR	5.0	V
Operating Temperature	TA	-20~+80	°C
Storage Temperature	TSTG	-30~+100	°C
Reverse Current (VR=5V)	IR	10	µa
Lead Soldering Temperature (3mm from body) 260C (for 3 seconds)			

optoelectric characteristics:

PARAMETER	SYMBOL	MAX	TYP	UNIT	TEST
View Angle of Half Power	2ø1/2		45	Degree	
Forward Voltage	VF	4.0	3.5	V	IF=20mA
Peak Emission Wavelength	ÿP		472	nm	IF=20mA
Dominant Emission Wavelength	ÿD		470	nm	IF=20mA
Spectrum Width of Half Value			30	nm	IF=20mA
Luminous Intensity	IV		2500	mcd	IF=20mA





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