



# YETDA INDUSTRY LTD.

## Technical Data Sheet

**MODEL NO : S5050XNWW4P**

**5050Package 5.0\*5.0mm TOP LED**

**Features :**

- 5.0 x 5.0mm Top LED
- Compatible with automatic placement equipment
- Compatible with reflow solder process

**Applications :**

- Indicators
- Automotive : backlighting in dashboard and switch
- Backlight for LCD

<b>Dice material</b>	<b>Emitted color</b>	<b>Epoxy Color</b>
InGaN	Warm White	Red Diffused

**Electrical/Optical Characteristics(Ta=25°C)**

Parameter	Symbol	Condition	Min	Typ.	Max	Unit
Luminous Flux	lm	IF=150mA		48		lm
Chromaticity Coordinates	X	IF=150mA		0.440		
	Y			0.405		
Color Temperature	CCT	IF=150mA		3000		K
Viewing Angle	2θ1/2	IF=150mA		120		Deg
Forward Voltage	VF	IF=150mA	3.0		3.8	V
Reverse Current	IR	VR=5V			10	μA

**Absolute Maximum Ratings(Ta=25°C)**

Parameter	Symbol	Maximum	Unit
Power Dissipation	Pd	500	mW
Peak Forward Current(1/10 Duty Cycle 0.1ms Pulse Width)	IF(Peak)	200	mA
Continuous Forward Current	IF	150	mA
Reverse Voltage	VR	5	V
Operating Temperature Range	Topr	-40 to +85	°C
Storage Temperature Range	Tstg	-40 to +85	°C



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## ●Package Dimensions

