



YETDA INDUSTRY LTD.

Technical Data Sheet

MODEL NO : S5050XNW4P

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

Dice material	Emitted color	Epoxy Color
InGaN	White	Yellow Diffused

Electrical/Optical Characteristics(Ta=25°C)

Parameter	Symbol	Condition	Min	Typ.	Max	Unit
Luminous Flux	lm	IF=150mA		50		lm
Chromaticity Coordinates	X	IF=150mA		0.29		
	Y			0.31		
Color Temperature	CCT	IF=150mA		6500		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

