



YETDA INDUSTRY LTD.

Technical Data Sheet

MODEL NO : S190ANB4-M

0603Package 1.6*0.8mm Chip LEDs

Features :

- Package in 8mm tape on 7" diameter reel
- 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	Lens Color
InGaN	Blue	Water Clear

Electrical/Optical Characteristics(Ta=25°C)

Parameter	Symbol	Condition	Min	Typ.	Max	Unit
Luminous Intensity	I _v	IF=20mA	62		170	mcd
Dominant Wavelength	λ _D	IF=20mA	460		476	nm
Viewing Angle	2θ _{1/2}	IF=20mA		120		Deg
Forward Voltage	V _F	IF=20mA	2.8		3.6	V
Reverse Current	I _R	VR=5V			10	μA

Absolute Maximum Ratings(Ta=25°C)

Parameter	Symbol	Maximum	Unit
Power Dissipation	P _d	100	mW
Peak Forward Current(1/10 Duty Cycle 0.1ms Pulse Width)	IF(Peak)	100	mA
Continuous Forward Current	IF	20	mA
Reverse Voltage	VR	5	V
Operating Temperature Range	Topr	-40 to +80	°C
Storage Temperature Range	Tstg	-40 to +90	°C



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Package Dimensions

