



# YETDA INDUSTRY LTD.

## Technical Data Sheet

**MODEL NO : Q150YG4-M**

**1206Package 3.2\*1.6mm 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
InGaAlP	Green	Water Clear

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

Parameter	Symbol	Condition	Min	Typ.	Max	Unit
Luminous Intensity	I <sub>v</sub>	IF=20mA	40		100	mcd
Dominant Wavelength	λ <sub>D</sub>	IF=20mA	566		576	nm
Viewing Angle	2θ <sub>1/2</sub>	IF=20mA		120		Deg
Forward Voltage	V <sub>F</sub>	IF=20mA	1.8		2.6	V
Reverse Current	I <sub>R</sub>	VR=5V			10	μA

### Absolute Maximum Ratings(Ta=25°C)

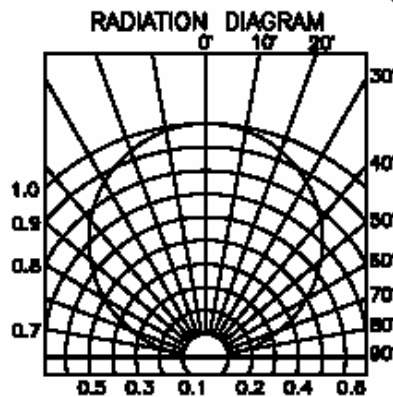
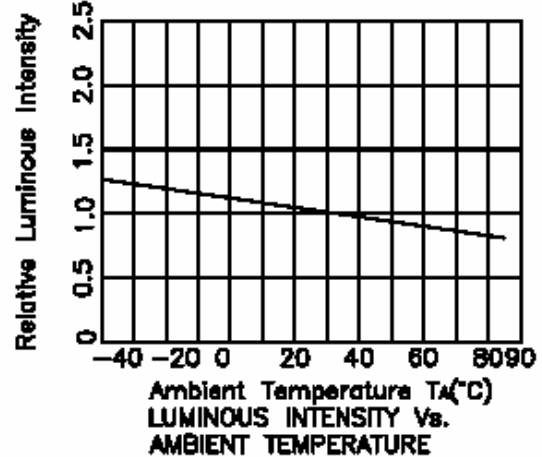
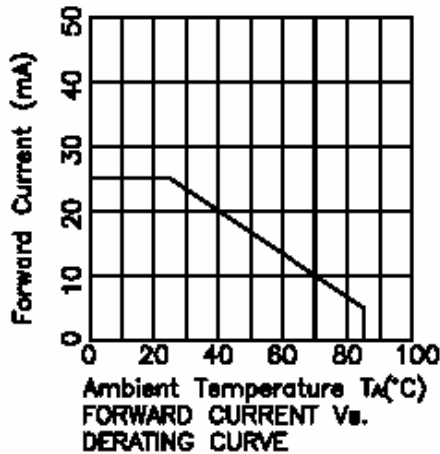
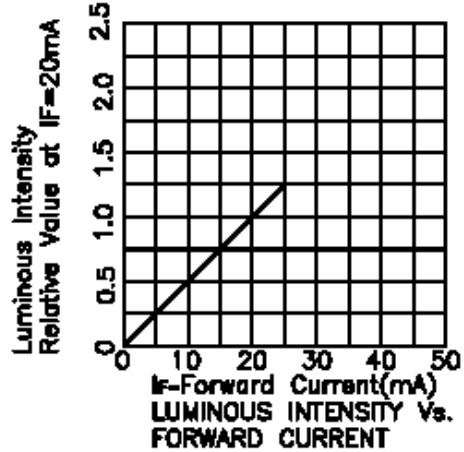
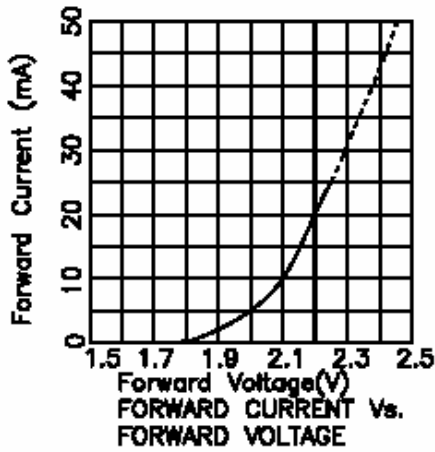
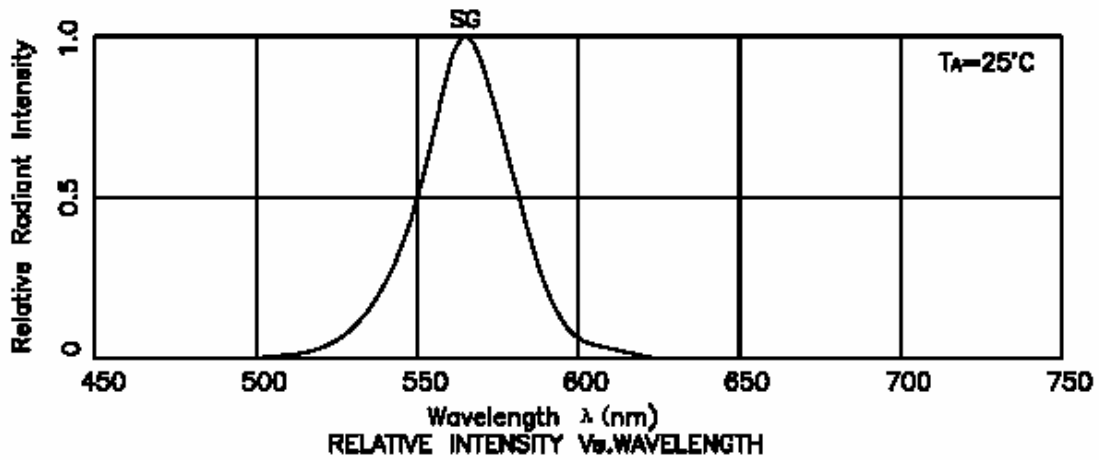
Parameter	Symbol	Maximum	Unit
Power Dissipation	P <sub>d</sub>	62	mW
Peak Forward Current(1/10 Duty Cycle 0.1ms Pulse Width)	IF(Peak)	100	mA
Continuous Forward Current	IF	25	mA
Reverse Voltage	VR	5	V
Derating Linear From 25°C		0.3	mA/°C
Operating Temperature Range	Topr	-40 to +85	°C
Storage Temperature Range	Tstg	-40 to +85	°C

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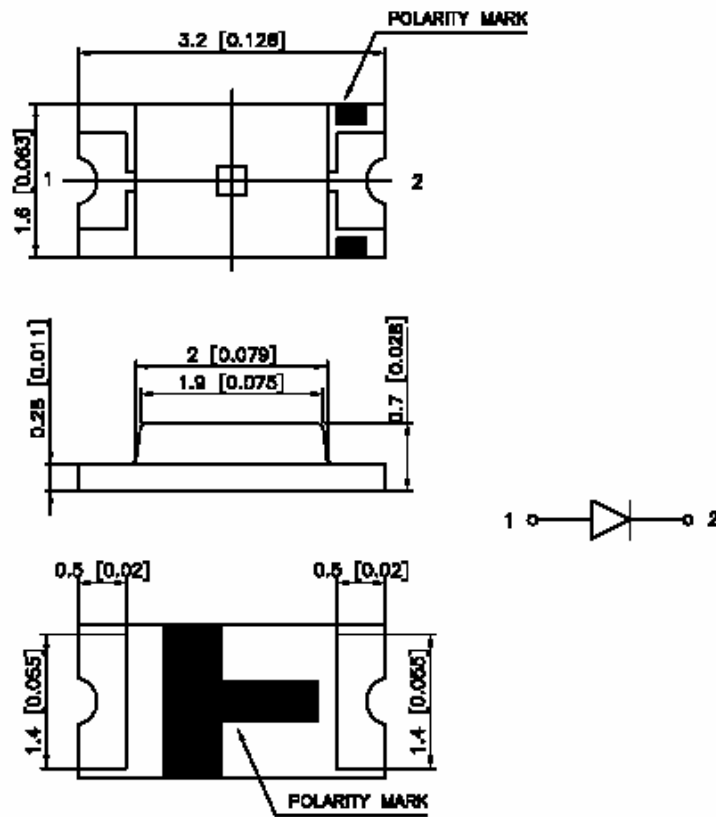
## ◆ Typical Electrical/Optical Characteristics Curves





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## ◆ Package Dimensions



### Notes:

1. All dimensions are in millimeters.
2. Tolerance is  $\pm 0.15$  unless otherwise noted.
3. Specifications are subject to change without notice.