



SPECIFICATION FOR APPROVAL

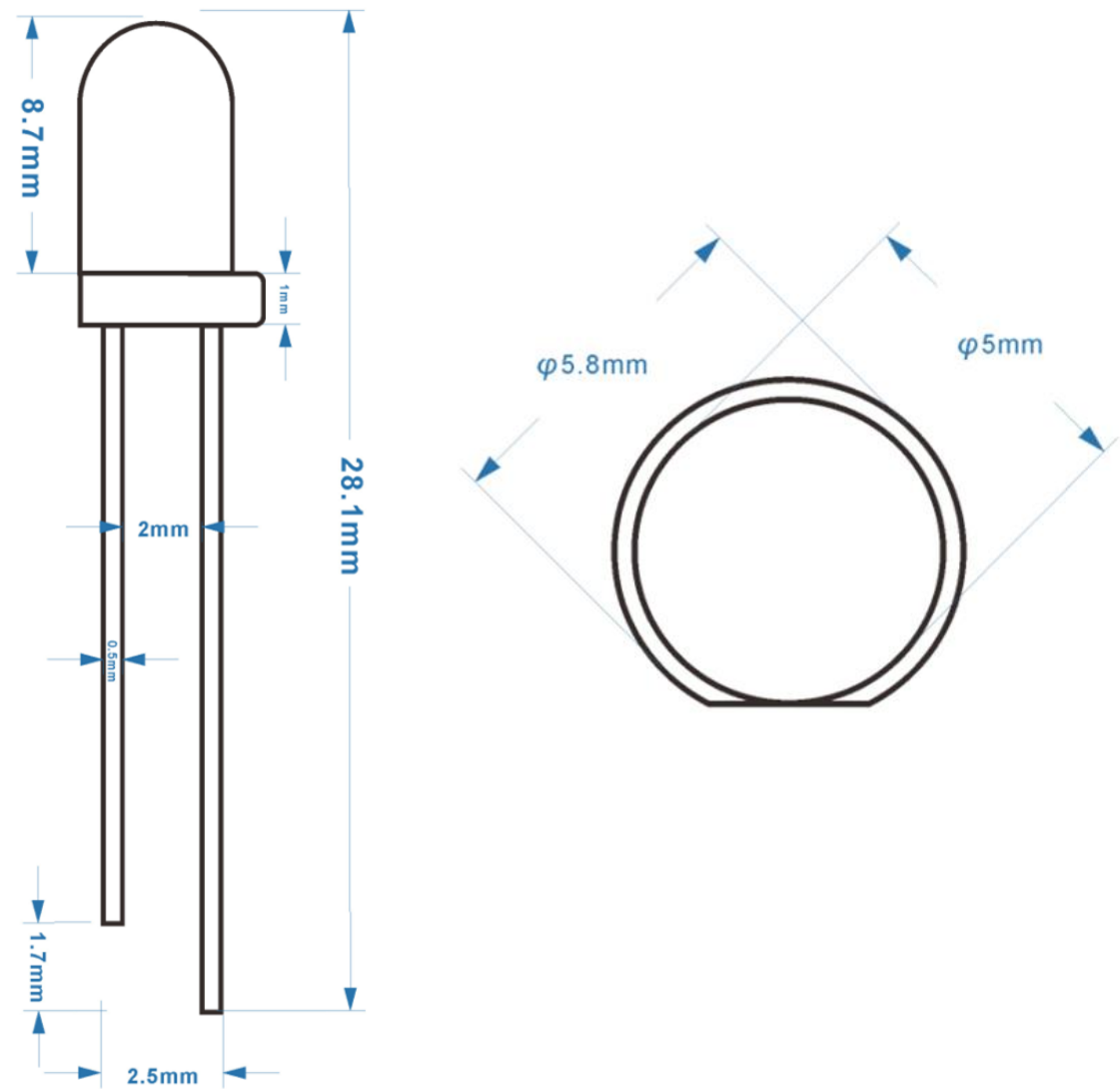
Part Name

(5MM Round UV Clear Transparent)

Product Characteristics:

- Ultra Bright Brightness
- 5mm Round
- General Purpose Lead
- Highly Reliable

Shape and Size:



CHIP		Colloid	
Material	AlGaInP	Material	Epoxy resin
Color	Ultraviolet	Color	<u>Clear Transparent</u>

Absolute Maximum Ratings (Ta=25℃)

Items	Symbol	Absolute maximum Rating	Unit
Forward Current	I _F	30	mA
Peak Forward Current *	I _{FP}	100	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	120	mW
Electrostatic discharge	ESD	2000	V
Operation Temperature	T _{opr}	-30 ~ +85	℃
Storage Temperature	T _{stg}	-40 ~ +100	℃
Lead Soldering Temperature *	T _{sol}	Max 260℃ for 5 sec Max	

Initial Electrical Optical Characteristics

Parameter		Symbol	Min.	Typ.	Max.	Unit	Condition
Luminous Intensity		I _v	200		300	mcd	I _F =20mA
Viewing Angle		2θ1/2		30		deg	I _F =20mA
Dominant Wave Length		λ _d		400		nm	I _F =20mA
Spectral Width at half height		Δλ	/	30	/	nm	I _F =20mA
Forward Voltage		V _F	3.0		4.0	V	I _F =20mA
Reverse Current		I _R	/	/	≤10	μA	V _R =5V

Aging experiments show that: the LED under normal operating conditions: I_F = 20mA, V_F = 2.5 V, the service life of 1 – 3 million hours.

Note: According to anti-static welding operation (ground wire, wear static ring, wear cotton finger sets)