SPECIFICATION FOR APPROVAL

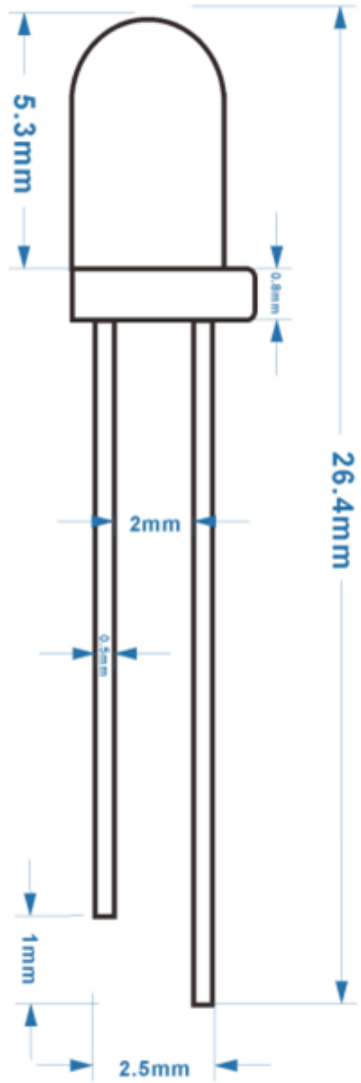
Part Name

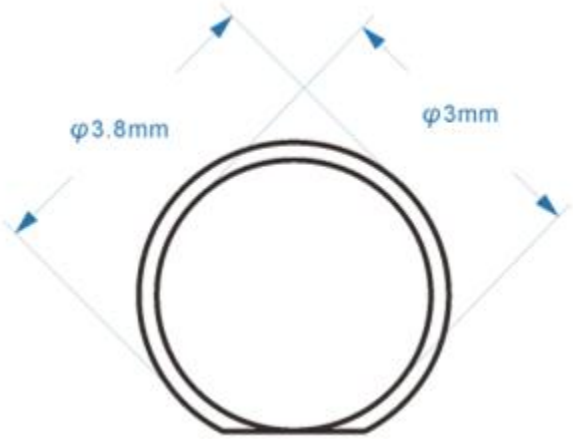
（**3MM Round Yellow Clear Transparent**）

Product Characteristics：

Ultra Bright Brightness
3mm Round
General Purpose Lead
Highly Reliable

Shape and Size：





CHIP		Colloid	
Material	InGaAlP	Material	Epoxy resin
Color	Yellow	Color	Clear Transparent

Absolute Maximum Ratings（Ta=25℃）

Parameter	Symbol	Value	Unit
Max Power Dissipation	P_M	80	mW
Max Continuous Forward Current	I_{FM}	20	mA
Max Reverse Voltage	V_{RM}	5	V
Peak Forward Current	I_{FP}	75	mA
Lead Soldering Temperature/Time	T_{SOL}	240/≤3S	℃/S
Operating Temperature Range	T_{OPR}	-25~+85	℃
Storage Temperature Range	T_{STR}	-30~+80	℃

Initial Electrical Optical Characteristics

Parameter		Symbol	Min.	Typ.	Max.	Unit	Condition
Luminous Intensity		Iv	300		600	mcd	I_F=20mA
Viewing Angle		2Ø1/2		30		deg	I_F=20mA
Dominant Wave Length		λd	588	590	592	nm	I_F=20mA
Spectral Width at half height		△λ	/	30	/	nm	I_F=20mA
Forward Voltage		V_F	2.0	2.1	2.2	V	I_F=20mA
Reverse Current		I_R	/	/	≤20	μA	VR=5V

Aging experiments show that: the LED under normal operating conditions: IF = 20mA, VF = 2.5 V, the service life of 2 - 3 million hours.

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