



Dongguan Zhiding Electronics Technology Co., LTD

No. 8, Yinling Industry Zone, Xiaqiao, Dongcheng District,

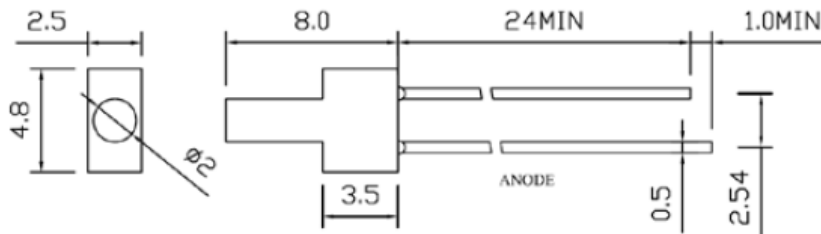
Dongguan, Guangdong, China

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2mm and smaller LEDs

High light intensity through hole 1.8mm 2mm flat top lamp led

Package Dimensions



Unit: (mm)

Tolerance: ± 0.25 mm



■ Absolute Maximum Rating

Item	Symbol	Absolute Maximum Rating	Unit
Forward Current	IF	20	mA
Peak Forward Current	IFP	50	mA
Reverse Voltage	VR	5	V
Power Dissipation	PD	100	mw
Electrostatic discharge	ESD	1000	V
Operation Temperature	TOPR	-25~+80	℃
Storage Temperature	TSTG	-40~+80	℃
Lead Soldering Temperature	TSOL	330 ℃ for 3sec Max.	

*Ifp Conditions: Pulse Wide $\leq 10\text{msec} \leq 1/10$

*Tsol Conditions: 3mm from the base of epoxy bulb

■ Typical Optical/Electrical Characteristics

Item	Symbol	Condition	Min	Typ	Max	Unit
Forward Voltage	VF	IF=20mA	2.8	3.1	3.4	V
Reverse Current	IR	VR=5V	0	2	5	uA
Light intensity	IV	IF=20mA	500		1000	mcd
Viewing Angle	2θ 1/2	IF=20mA		40		deg
Wavelength	WLD	IF=20mA	465	470	475	nm
Recommend Forward Current	IF(rec)	IF=20mA			20	mA

Notes:

1. Work absolute ratings $T_a=25^\circ\text{C}$
2. Tolerance of measurement of forward voltage $\pm 0.1\text{V}$

■ Production for 2mm and smaller LEDs

2mm blue tower leds using the most advanced full ASM solid crystal, wire automatic equipment, automatic sub-BIN taping machines and other fully automatic equipment; products in the design fully take into account the LED light, electricity, thermal characteristics, the use of imported low-light fade water package , The selection of raw materials used are verified by the reliability of the experiment, the product is more stable, high anti-ESD ability, low light decay, good consistency and so on.

PRODUCTION PROCESS



Die Bond



Wire Solder



Compression Moulding



Taping



Spectrometer



Slicing

Our service

1. 3 years warranty
2. 5 years technical service team
3. professional sales team
4. Free Sample is available
5. Fast delivery
6. Aiming at the consult of "high quality, zero defect", give you the best quality, best service.

Company Introduction

Established in 2009. According to the law, in 2009 in Dongguan registered as a general taxpayers;

Registered capital of 3,000,000 RMB;

National high-tech enterprises;

Corporate vision: to become valuable and respected brand leader in LED lighting;

ISO9001 quality system certification and the actual operation; •Company covers about 12,000 square meters;

Main product: research and development production and sales of LED light source, including smd led, led diodes, high power led, and COB led;

Staff: Senior R & D personnel more than 10, about 260 employees;

More than 10 product lines for light source;

Research and develop two or three new designs alone to meet the market requirement.



Sales Representative

Elsa Xiao

Oversea Sales Manager

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7/24 service always standby! Any of your feedback will be responded within 12 hours.

2 years warranty, high quality assurance

First time delivery guarantee rate

OEM&ODM