



吉安市木林森电子科技有限公司
JI AN M. L. S ELECTRONICS CO., LTD

Product Specification

Type: F5AY3UD14-9A

Name: Φ5 Yellow Diffused Yellow

Client: _____

Department: engineering department

Version: A/0



Tel: 0796-8402995

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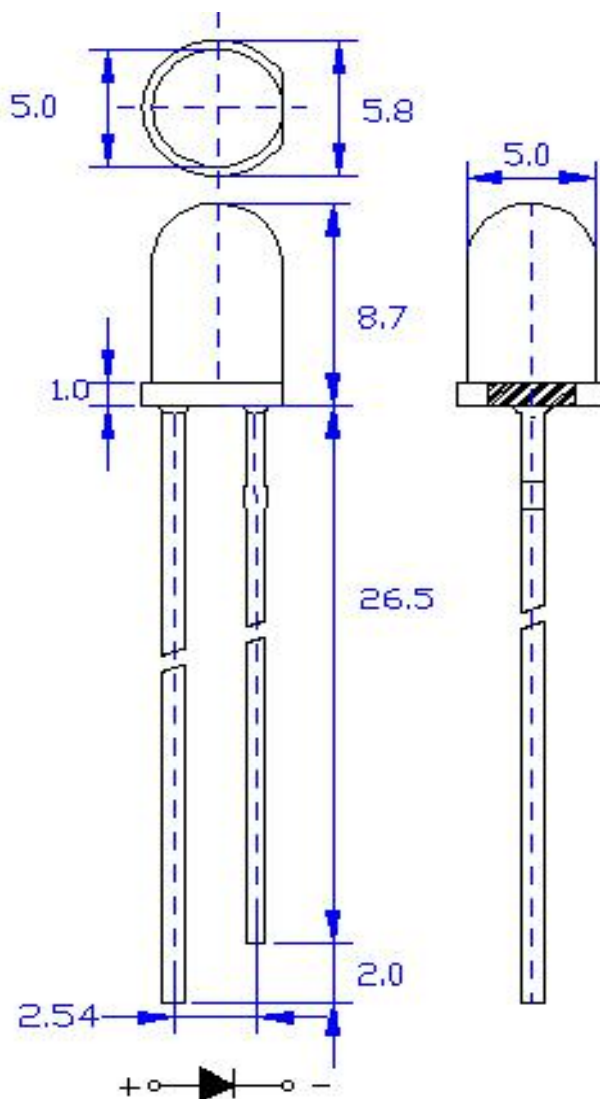
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Package Dimensions:



Lens	Material	Emitting Color
Yellow Diffused	InGaAlP	Yellow

NOTES:

1. Unit: mm
2. Tolerance is +0.25mm(0.10") unless otherwise noted.
3. Protruded resin under flange is 1.0mm max.
4. Specifications are subject to change without notice.



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ABSOLUTE MAXIMUM RATINGS AT TA=25℃

PARAMETER	MAXIMUM RATING	UNIT
Power Dissipation	100	mW
Pulse Forward Current	60	mA
DC Forward Current	30	mA
Reverse voltage	6	V
Operating Temperature	-25℃ to+85℃	
Storage Temperature	-30℃ to+100℃	
Lead Soldering Temperature	260℃ for 3 seconds	

Electrical-Optical Characteristics(Ta=25℃)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	TEST CONDITION
Radiant Intensity	I _v	250		500	mcd	IF=20mA
Viewing Angle	2 θ 1/2		30		deg	IF=20mA
Peak Emission Wavelength	λ _p	585		595	nm	IF=20mA
Forward Voltage	V _F	1.8		2.6	V	IF=20mA
Reverse Current	I _R			3	μ A	VR=5V

Remark:

1、 This brightness is according to the human eye luminous intensity of the induction curve of the simulation which is in line with CIE (International Optical Committee Organization)

2、 light emitting angle of measurement test data comes from half luminance.

3.Brightness error is not over plus or minus 15%.