

产品规格书

JM-DTY5031-23

DATA SHEET

制表：

制图：

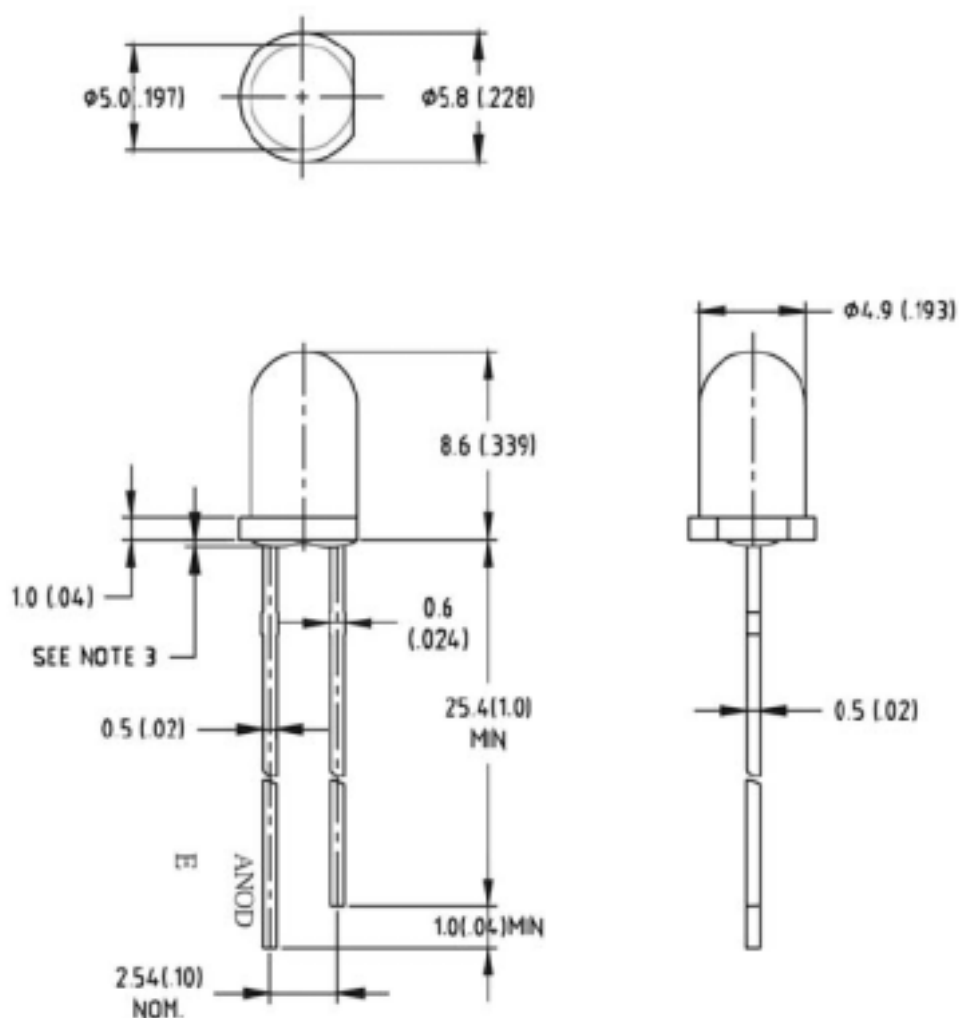
审核：

日期：

Features:

- High intensity
- Standard T-1 3/4 diameter package
- viewing angle=23
- General purpose leads
- Reliable and rugged

Package Dimension:



Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(.010)$ mm unless otherwise noted.
3. Protruded resin under flange is 1.0mm(.04) max.

Absolute Maximum Ratings at Ta=25

Parameter	MAX.	Unit
Power Dissipation	100	mW
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100	mA
Continuous Forward Current	35	mA
Derating Linear From 50	0.4	0.4 mA/
Reverse Voltage	5	V
Operating Temperature Range	-40 to +80	
Storage Temperature Range	-40 to +80	
Lead Soldering Temperature [4mm(.157) From Body]	260 for 5 Seconds	

Electrical Optical Characteristics at Ta=25

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	I _v	1500	1700	2000	mcd	IF=20mA (Note 1)
Viewing Angle	2 $\theta_{1/2}$	23	28	33	Deg	(Note 2)
Peak Emission Wavelength	λ_p	588	590	593	nm	IF=20mA IF=20mA (Note 3)
Spectral Line Half-Width	$\Delta \lambda$	---	5	---	nm	IF=20mA
Forward Voltage	V _F	1.8	1.9	2.0	V	IF=20mA
Reverse Current	I _R	---	---	100	μA	VR=5V

Typical Electrical / Optical Characteristics Curves
(25 Ambient Temperature Unless Otherwise Noted)

