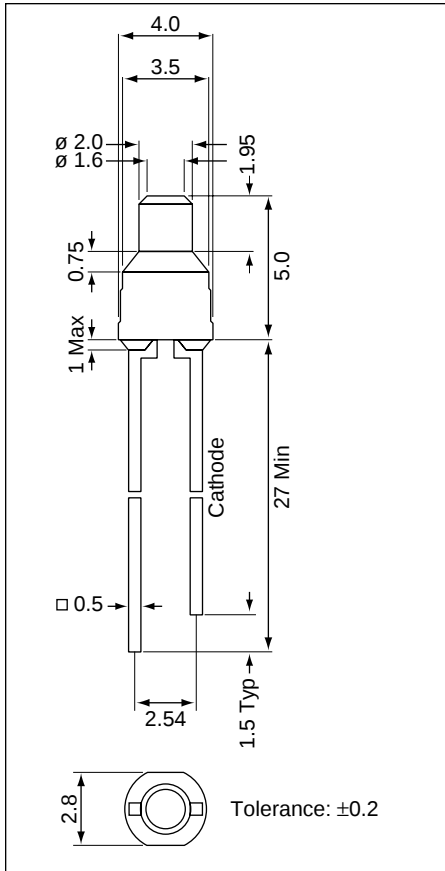




Weight: 0.15 g Unit: mm



AND226Y

Special Shape

2mm Flat Top

Features

- Low power requirement
- Special shape
- All plastic molded lens
- GaAsP – Yellow

Optical Characteristics (T = 25°C)

Part Number	Color		Lens Desc.	Axial Luminous Intensity (mcd)		Test Condition (I _F –mA)	Viewing Angle 2θ1/2 (deg)
	LED	Lens		Min.	Typ.		
AND226Y	Yellow	Yellow	Diffused	2.0	4.0	10	70

Absolute Maximum Ratings (T_A = 25°C)

Characteristics	Symbol	Rating	Unit
Forward Current	I _F	30	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	105	mW
Operating Temperature	T _{Opr}	-40 to +85	°C
Storage Temperature Range	T _{Stg}	-40 to +85	°C

Electro-Optical Characteristics (T_A = 25°C)

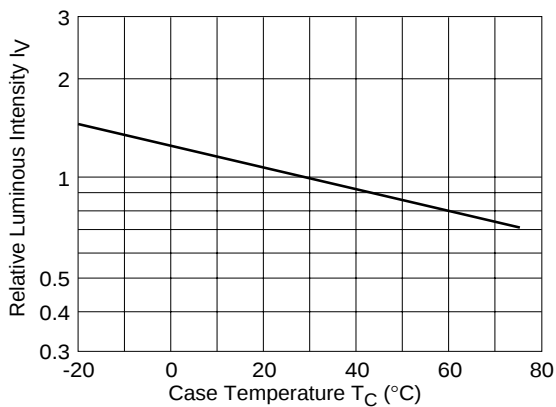
Characteristics	Symbol	Test Condition	AND226Y (Yellow)		Unit
			Typ.	Max.	
Forward Voltage	V _F	I _F = 20mA	2.1	2.5	V
Reverse Current	I _R	V _R = 5 V	–	10	μA
Peak Emission Wavelength	λ _p	I _F = 20mA	590	–	nm
Spectral Line Half Width	λ	I _F = 20mA	35	–	nm

Precaution

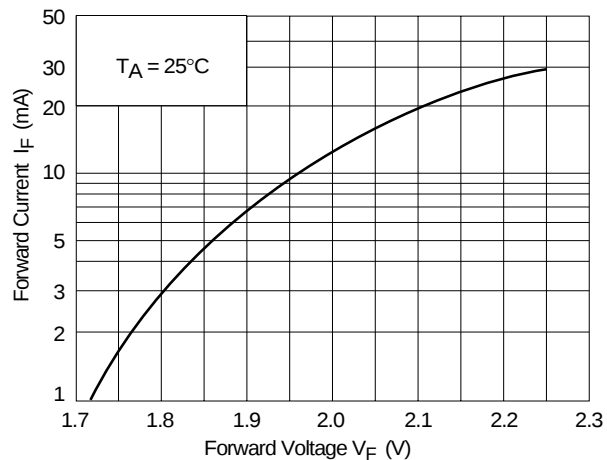
Please be careful of the following:

1. Soldering temperature: 260°C max; Soldering time: 3 sec. max; Soldering portion of lead: up to 2 mm from the body of the device.
2. The lead can be formed up to 5 mm from the body of the device without forming stress. Soldering should be performed after the lead forming.

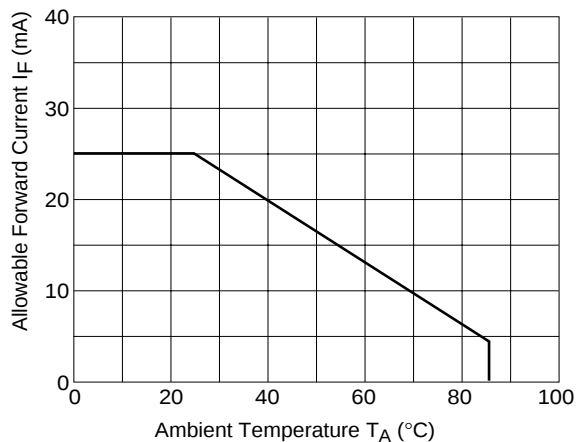
I_V vs. T_C



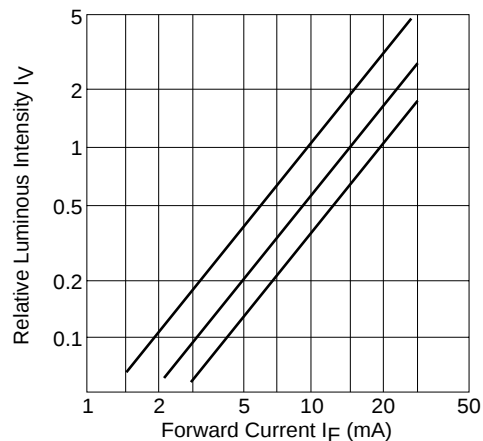
I_F vs. V_F



I_V vs. T_A



I_V vs. I_F



Relative Luminous Intensity vs. Wavelength

