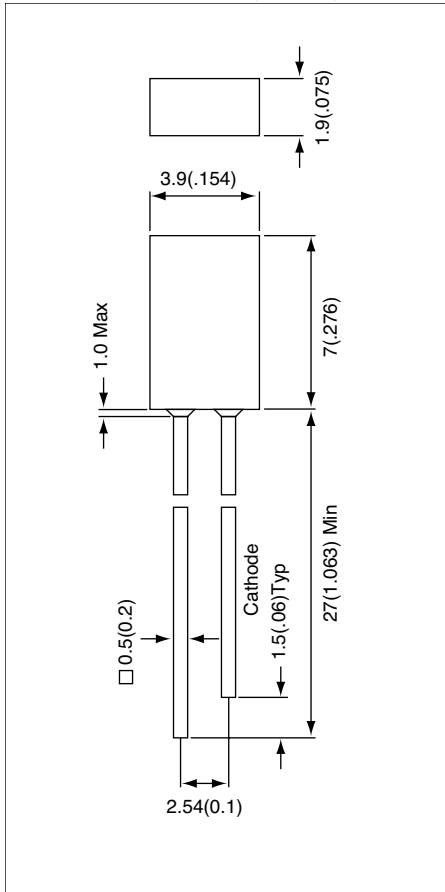




Weight: 0.30 g Unit: mm



Product specifications contained herein may be changed without prior notice. It is therefore advisable to contact Purdy Electronics before proceeding with the design of equipment incorporating this product.

## AND211YA

### Special Shape

### 1.9mm x 3.9mm Rectangular

#### Features

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

#### Optical Characteristics (T = 25°C)

Part Number	Color		Lens Desc.	Axial Luminous Intensity (mcd)		Test Condition (I <sub>F</sub> -mA)	Viewing Angle 2θ1/2 (deg)
	LED	Lens		Min.	Typ.		
AND211YA	Yellow	Yellow	Diffused	2.0	4.0	10	110

#### Absolute Maximum Ratings (T<sub>A</sub> = 25°C)

Characteristics	Symbol	Rating	Unit
Forward Current	I <sub>F</sub>	30	mA
Reverse Voltage	V <sub>R</sub>	5	V
Power Dissipation	P <sub>D</sub>	105	mW
Operating Temperature	T <sub>Opr</sub>	-40 to +85	°C
Storage Temperature Range	T <sub>Stg</sub>	-40 to +85	°C

#### Electro-Optical Characteristics (T<sub>A</sub> = 25°C)

Characteristics	Symbol	Test Condition	AND211YA (Yellow)		Unit
			Typ.	Max.	
Forward Voltage	V <sub>F</sub>	I <sub>F</sub> = 20mA	2.1	2.5	V
Reverse Current	I <sub>R</sub>	V <sub>R</sub> = 5V	–	10	μA
Peak Emission Wavelength	λ <sub>p</sub>	I <sub>F</sub> = 20mA	590	–	nm
Spectral Line Half Width	λ	I <sub>F</sub> = 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.

