



YETDA INDUSTRY LTD.

3mm Yellow LED Lamps with taping 300YH1G-TB

3 mm with GaAsP/GaP dice ◦

Encapsulated with Yellow Diffused package ◦

Long Leads ◦

Taped in box

Absolute Maximum Ratings :

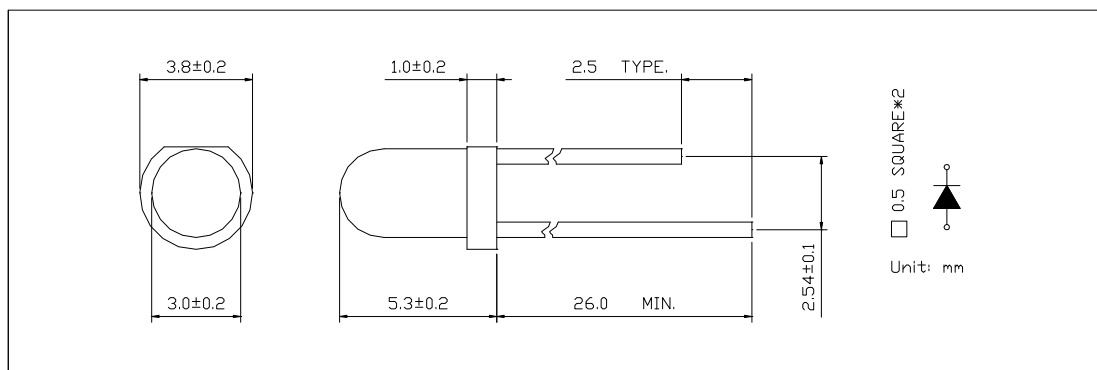
| Parameter | Maximum Rating | Unit |
|-----------------------------|--|------|
| Peak Forward Current | 120 | mA |
| Continuous Forward Current | 30 | mA |
| Operating Temperature Range | -40°C to +85°C | |
| Storage Temperature Range | -50°C to +100°C | |
| Lead Soldering Temperature | 260°C for 3 seconds 1.6mm(0.063 inch) from body | |

Electro-Optical Characteristics (Ta = 25°C)

| Parameter Radiant | Test Condition | Symbol | Min. | Typ. | Max. | Unit |
|--------------------|-----------------------|--------------------|------|------|------|------|
| Forward Voltage | I _F = 20mA | V _F | | 2.10 | 2.60 | V |
| Reverse Current | V _R = 5V | I _R | | | 10 | uA |
| Luminous Intensity | I _F = 20mA | I _v | 10 | 16 | | mcd |
| Spectral Bandwidth | I _F = 20mA | Δλ | | 35 | | nm |
| Wavelength | I _F = 20mA | λ _P | | | | nm |
| | I _F = 20mA | λ _D | | 590 | | nm |
| Viewing Angle | I _F = 20mA | 2 θ _{1/2} | | 80 | | deg |

Package

Item: 300



13APR29B



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