



YETDA INDUSTRY LTD.

3mm Flangeless Super Bright Blue LED Lamps S306TB4G

- 3mm with InGaN Dice ◦
- Encapsulated with Water Clear Package ◦
- Long Leads ◦

Absolute Maximum Ratings : (Ta=25°C)

| 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 | | 3.2 | 3.8 | V |
| Reverse Current | V _R = 5V | I _R | | | 10 | uA |
| Luminous Intensity | I _F = 20mA | I _v | 1000 | 1500 | | mdc |
| Spectral Bandwidth | I _F = 20mA | | | 18 | | nm |
| Wavelength | I _F = 20mA | λ _P | | | | nm |
| | | λ _D | | 470 | | nm |
| Viewing Angle | I _F = 20mA | 2 θ _{1/2} | | 30 | | deg |

Package

