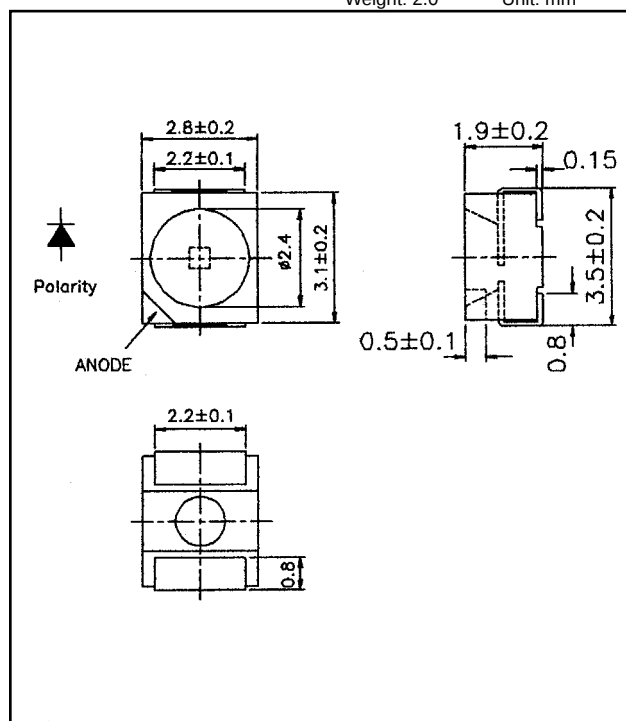




Weight: 2.0 Unit: mm



AND6BB

InGaN Ultra Bright Blue Light Emission Surface Mount Package

Features

- P-LCC-2 package with optical indicator
- Wide viewing angle
- Suitable for vapor-phase reflow, infrared reflow and wave solder processes
- Low current operation: 2 mA
- Ideal for (LCD) backlight & light pipe applications
- Computable with automatic placement equipment

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	120	mW
Operating Temperature Range	T _{Opr}	-45 to 85	°C
Storage Temperature Range	T _{Stg}	-40 to 90	°C

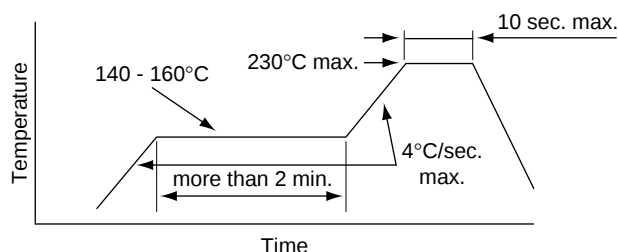
Electro-Optical Characteristics (T_a = 25°C)

Characteristics	Symbol	Test Condition	Minimum	Typical	Maximum	Unit
Forward Voltage	V _F	I _F = 20 mA	—	3.5	40	V
Reverse Current	I _R	V _R = 5 V	—	—	10	μA
Luminous Intensity	I _V	I _F = 10 mA	15	30	—	mcd
Peak Emission Wavelength	I _P	I _F = 20 mA	—	468	—	nm
Spectral Line Half Width	Δλ	I _F = 20 mA	—	26	—	nm
Dominant Wavelength	λ _d	I _F = 20 mA	—	470	—	nm
Full Viewing Angle	2θ 1/2	I _F = 20 mA	—	120	—	degree

Precaution

Please be careful of the following:

1. Manual soldering: maximum temperature of iron tip: 260°C max.
Soldering time: within 5 sec. per solder-land
Soldering portion of lead: up to 1.6 mm from the body of the device
2. Reflow solder: recommended condition is as follows:



For reflow soldering

