

Product Specification

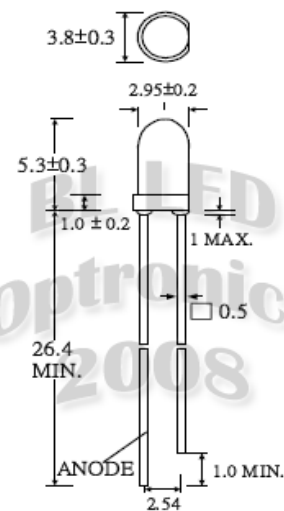
Features

- ▶ Model No. : 3mm25D2500C_Blue
- ▶ Chip material : InGaN
- ▶ Long-Life - up to 50,000-100,000 hours
- ▶ RoHS Compliant

Description

- ▶ Super Bright LED Lamp
- ▶ Round / Clear Type
- ▶ With Flange
- ▶ Power Dissipation:
- ▶ Solder leads without stand-off

Dimensions (mm)



Absolute Maximum Ratings

Parameter	Symbol	Max.	Unit
Power Dissipation	Pd	120	mW
Peak Forward Current	I _{pf}	100	mA
Continuous Forward Current	I _{af}	30	mA
Reverse Voltage	V _r	5	V
Operating Temp.	T _{opr}	-25 to +85	°C
Storage Temp.	T _{stg}	-25 to +85	°C
Solder temperature 1.6 mm from body for 3 seconds at 260 °C			

Optical-electrical characteristics

Parameter	Symbol	Test Condition	Min.	Typical	Max	Unit
Luminous intensity	I _v	I _F =20mA	1600	2500		mcd
Forward Voltage	V _f	I _F =20mA		3.2	3.8	V
Reverse Current	I _r	V _R =5V			10	μA
Viewing Angle	2θ _{1/2}	I _F =20mA		20		Deg.
Wavelength	λ _D	I _F =20mA	465	468	470	nm
Spectrum radiation bandwidth	λ	I _F =20mA		30		nm