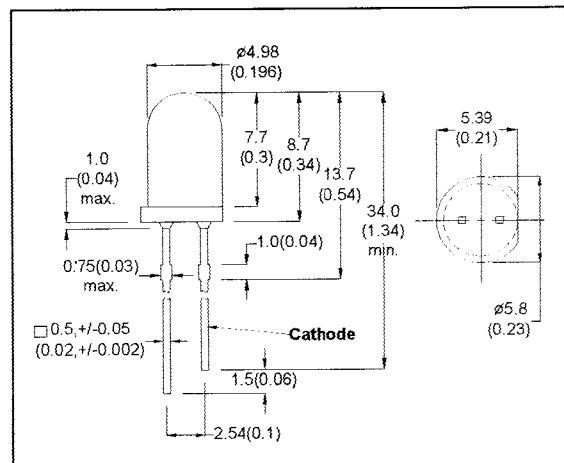


DESCRIPTION

MBB51TBH is high efficiency InGaN BLUE LED lamp with a 468nm peak wavelength encapsulated in a 5mm diameter, clear transparent lens.



- All dimension in mm (inch)
- No scale
- Tol.: +/-0.3mm

ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25°C	120mW
Forward Current, DC (IF)	30mA
Reverse Voltage	5V
Operating Temperature	-20 to +80°C
Storage Temperature	-30 to +100°C
Lead Soldering Temperature (1/16" from body)	260°C for 5 sec.

ELECTRO-OPTICAL CHARACTERISTICS

(Ta=25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	VF		3.7	4.5	V	IF=20mA
Reverse Breakdown Voltage	BVR	5			V	IR=10μA
Luminous Intensity	IV	1500	2600		mcd	IF=20mA
Peak Wavelength	λp		468		nm	IF=20mA
Spectral Line Half Width	Δλ		26		nm	IF=20mA
Viewing Angle	2θ 1/2		30		degree	IF=20mA

Remark : For A&A only.

A&A No.: 8

CAUTION

Static electricity does damage these product. Take preventive measures in handling.



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