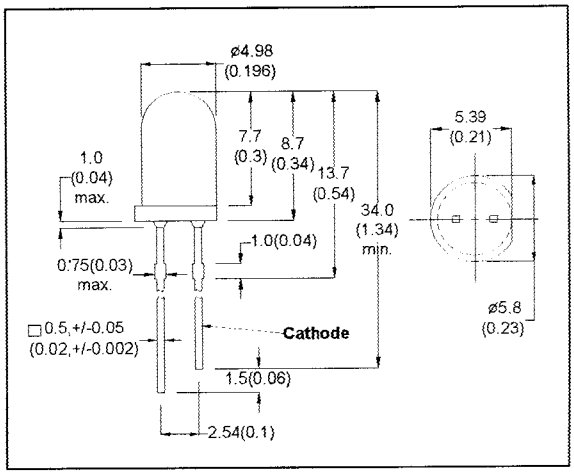
MICRO ELECTRONICS

ULTRA HIGH BRIGHTNESS BLUE LED LAMP

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

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25℃)

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	λρ		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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