

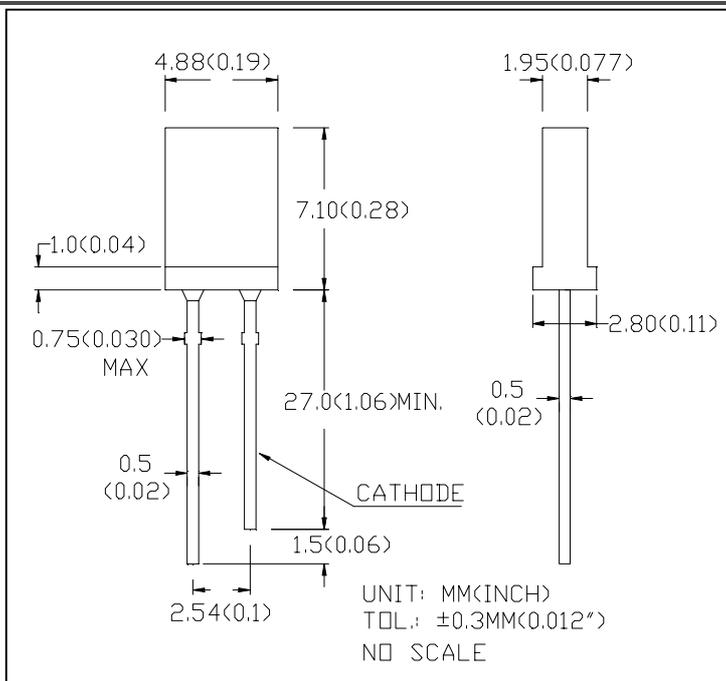
MICRO ELECTRONICS

MBB62TA-F

HIGH BRIGHTNESS BLUE LED LAMP

DESCRIPTION

MBB62TA-F is a high brightness InGaN/GaN blue LED lamp encapsulated in a 2 x 5mm rectangular bars with clear transparent lens.



ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25°C	100mw
Forward Current, DC (IF)	30mA
Reverse Voltage	5V
Operating Temperature Range	-20 to +80°C
Storage Temperature Range	-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		3.5	4.5	V	IF= 20mA
Reverse Breakdown Voltage	BVR	5			V	IR=100μA
Luminous Intensity	IV	70	120		mcd	IF= 20mA
Dominant Wavelength	λd	460	468	475	nm	IF= 20mA
Spectral Line Half Width	Δλ		30		nm	IF= 20mA
Viewing Angle	2θ 1/2		40		degree	IF= 20mA

CAUTION

Static electricity and surge damages the LED, It is recommended to use a wrist band or anti-electrostatic glove when handling the LED. All devices, equipment and machinery must be properly grounded.



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