

MICRO

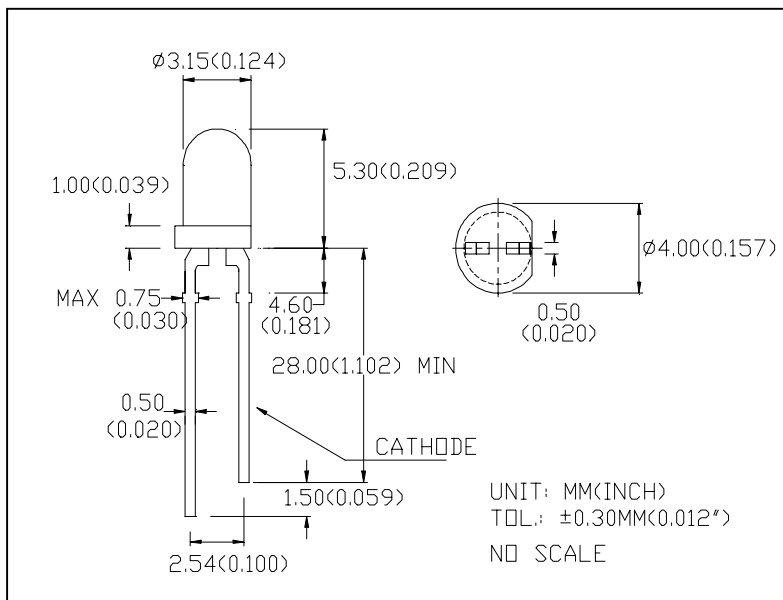
MWB31TA-DI

MWB31TB-DI

**ULTRA HIGH
BRIGHTNESS
WHITE LED LAMP**

DESCRIPTION

MWB31TX-DI is an ultra high brightness InGaN/GaN white LED lamp encapsulated in a 3mm diameter 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	1000	2000		mcd	IF=20mA
Chromaticity Coordinates	x		0.30			IF=20mA
	y		0.30			IF=20mA
Viewing Angle MWB31TA-DI	2θ 1/2		30		degree	IF=20mA
Viewing Angle MWB31TB-DI	2θ 1/2		50		degree	IF=20mA

CAUTION

REV : A

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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