

MICRO

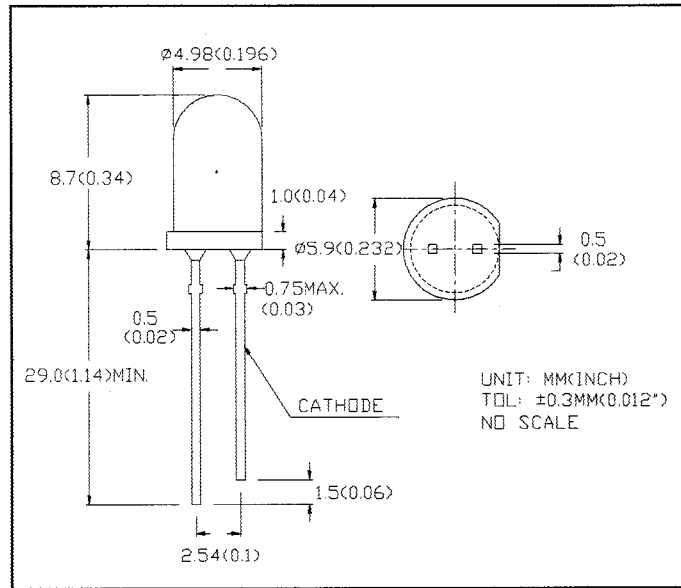
ELECTRONIC

ULTRA HIGH
BRIGHTNESS

WHITE LED LAMP

DESCRIPTION

MWB51TA-(4U) is an ultra high brightness GaN WHITE LED lamp encapsulated in a 5mm diameter clear transparent lens.



ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25°C	125mW
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=50μA
Luminous Intensity	IV	2500	5500		mcd	IF=20mA
Chromaticity Coordinates	x		0.30			IF=20mA
	y		0.30			IF=20mA
Viewing Angle	2θ 1/2		20		degree	IF=20mA

CAUTION

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

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