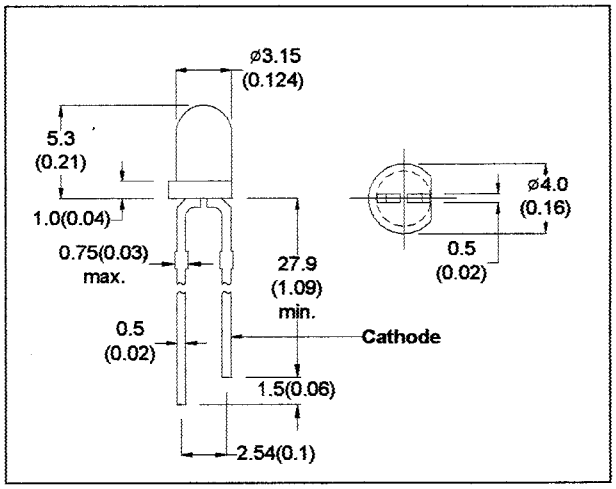
MICRO ELECTRONICS

MGB31TAH

ULTRA HIGH BRIGHTNESS GREEN LED LAMP

DESCRIPTION

MGB31TAH is an AlGaInP super green LED lamp encapsulated in a 3mm diameter, clear transparent lens.



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

ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25°C	90mW
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		2.1	3.0	V	IF=20mA
Reverse Breakdown Voltage	BVR	5			V	IR=100μA
Luminous Intensity	IV	450	700		mcd	IF=20mA
Wavelength	λD		572		nm	IF=20mA
Spectral Line Half Width	Δλ		15		nm	IF=20mA
Viewing Angle	2θ 1/2		40		degree	IF=20mA

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