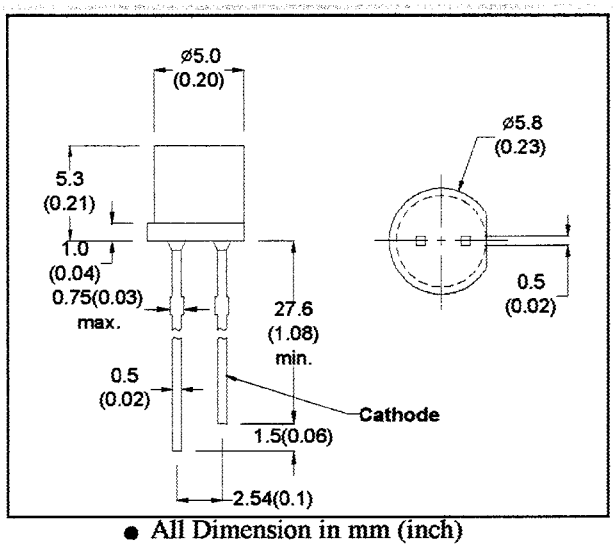
MICRO ELECTRONICS

HIGH BRIGHTNESS GREEN LED LAMP

DESCRIPTION

MGB53D is green LED lamp encapsulated in a 5mm diameter, flat top green diffused lens.



- All Dimension in mm (inch)
- No Scale
- Tol : +/- 0.3mm

ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25℃	100mW
Forward Current, DC (IF)	30mA
Reverse Voltage	5V
Operating & Storage Temperature Range	-55 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	V_F			3	V	I_F=20mA
Reverse Breakdown Voltage	BV_R	5			V	I_R=100 μA
Luminous Intensity	I_V	4	6		mcd	I_F=20mA
Peak Wavelength	$\lambda\rho$		570		nm	I_F=20mA
Spectral Line Half Width	$\Delta\lambda$		30		nm	I_F=20mA

Rev.A.

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