

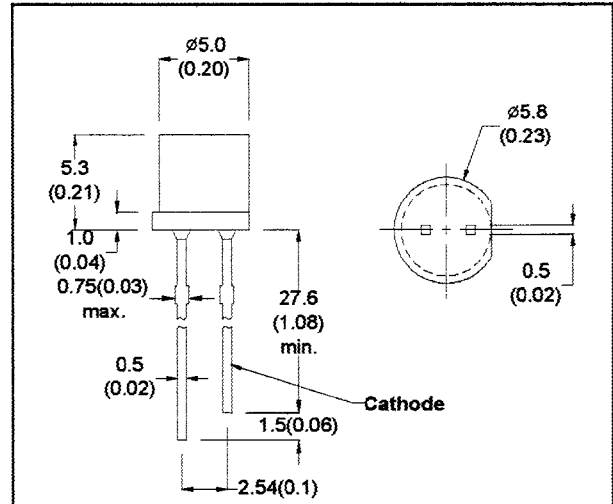
MICRO

ELECTRO

**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°C	100mW
Forward Current, DC (IF)	30mA
Reverse Voltage	5V
Operating & Storage Temperature Range	-55 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	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	λ _p		570		nm	I _F =20mA
Spectral Line Half Width	Δλ		30		nm	I _F =20mA

Rev.A.

MICRO ELECTRONICS LTD.

38, Hung To Road, Microtron Building, Kwun Tong, Kowloon, Hong Kong.

Kwun Tong P.O. Box 69477 Hong Kong. Fax No. 2341 0321 Telex:43510 Micro Hx. Tel: 2343 0181-5