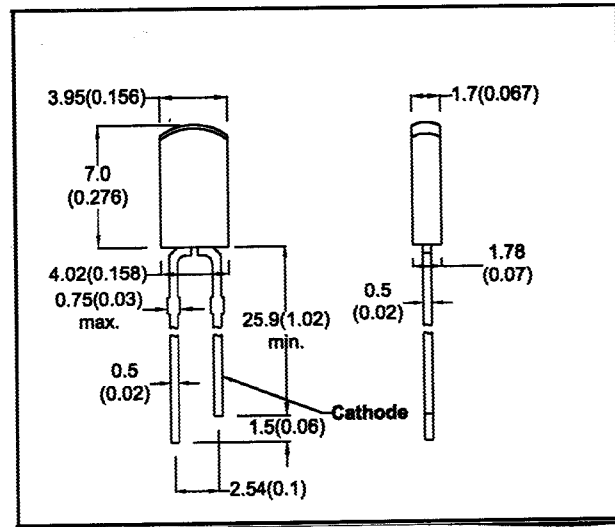


DESCRIPTION

MGB83D is green LED lamp encapsulated in a 1.7mmX3.95mm flangeless round rectangular bars with green diffused lens.



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

ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25°C
Forward Current, DC (IF)
Reverse Voltage
Operating & Storage Temperature Range
Lead Soldering Temperature (1/16" from body)

100mW
30mA
5V
-55 to +100°C
260°C for 5 sec.

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	VF			3.0	V	IF=20mA
Reverse Breakdown Voltage	BVR	5			V	IR=100μA
Luminous Intensity	IV	5.5	10		mcd	IF=20mA
Peak Wavelength	λp		570		nm	IF=20mA
Spectral Line Half Width	Δλ		30		nm	IF=20mA



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