

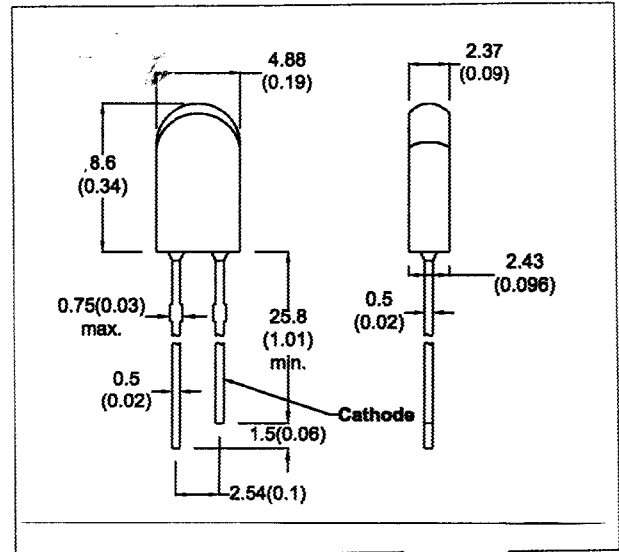
MICRO

ELECTRONIC

MGB81T
2.37mm x 4.9mm
ROUND
RECTANGULAR
BAR LED LAMP

DESCRIPTION

MGB81T is a green LED lamp encapsulated in a 2.37mm x 4.9mm round rectangular bars with clear transparent lens.



ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ $T_a=25^\circ\text{C}$
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.

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

ELECTRO-OPTICAL CHARACTERISTICS ($T_a=25^\circ\text{C}$)

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	50	100		mcd	IF=20mA
Peak Wavelength	λ_p		570		nm	IF=20mA
Spectral Line Half Width	$\Delta\lambda$		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

MGB81T

