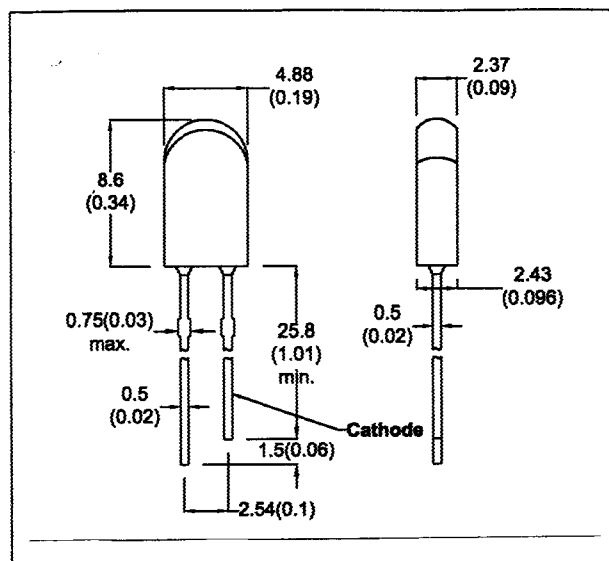


DESCRIPTION

MGB81C is a green LED lamp encapsulated in a 2.37mm x 4.9mm round rectangular bars with green 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



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