

DESCRIPTION

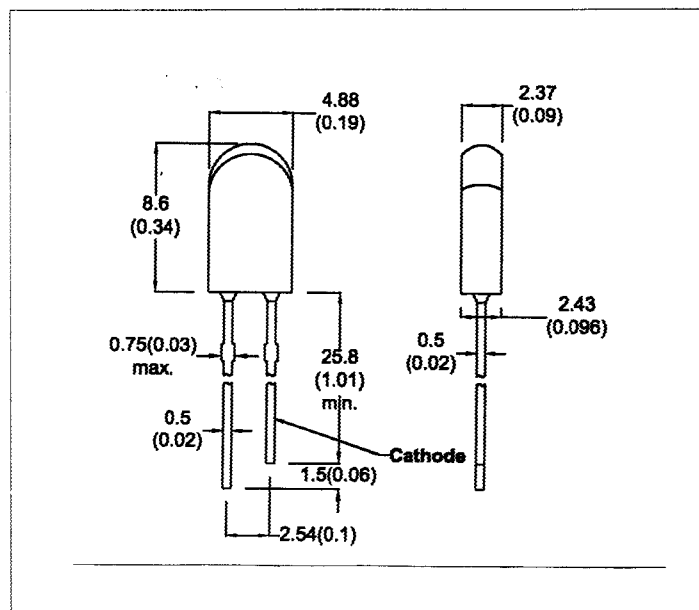
MGB81 Series are GaP/GaP green LED lamp with 2.37x4.88mm round rectangular bars.

MGB81CA is green chip with green transparent lens.

MGB81D is green chip with green diffused lens.

MGB81TA is green chip with clear transparent lens.

MGB81W is green chip with clear diffused lens.



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

ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25°C

90mW

Forward Current, DC (IF)

30mA

Reverse Voltage

5V

Operating & Storage Temperature Range

-55 to +100°C

Lead Temperature

260°C

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MGB81CA	MGB81D	MGB81TA	MGB81W	UNIT	CONDITIONS
Forward Voltage	MAX VF	3.0	3.0	3.0	3.0	V	IF=20mA
Reverse Breakdown Voltage	MIN BVR	5	5	5	5	V	IR=100μA
Luminous Intensity	MIN IV	125	30	125	30	mcd	IF=20mA
	TYP	250	50	250	50	mcd	IF=20mA
Peak Wavelength	TYP λp	570	570	570	570	nm	IF=20mA
Spectral Line Half Width	TYP Δλ	30	30	30	30	nm	IF=20mA
Viewing Angle	TYP 2θ 1/2	16	124	16	124	degree	IF=20mA



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