

DESCRIPTION

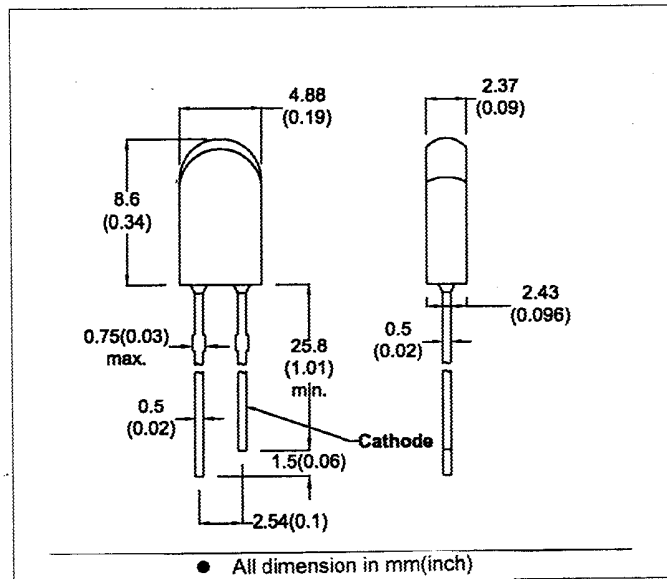
MYB81 Series are GaAsP/GaP yellow LED lamp with 2.37x4.88mm round rectangular bars.

MYB81CA is yellow chip with yellow transparent lens.

MYB81D is yellow chip with yellow diffused lens.

MYB81TA is yellow chip with clear transparent lens.

MSB81W is yellow chip with clear 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 Temperature

60mW

20mA

5V

-55 to +100°C

260°C

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MYB81CA	MYB81D	MYB81TA	MYB81W	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	90	22	90	22	mcd	IF=20mA
	TYP	150	30	150	30	mcd	IF=20mA
Peak Wavelength	TYP λp	585	585	585	585	nm	IF=20mA
Spectral Line Half Width	TYP Δλ	35	35	35	35	nm	IF=20mA
Viewing Angle	TYP 2θ 1/2	16	124	16	124	degree	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