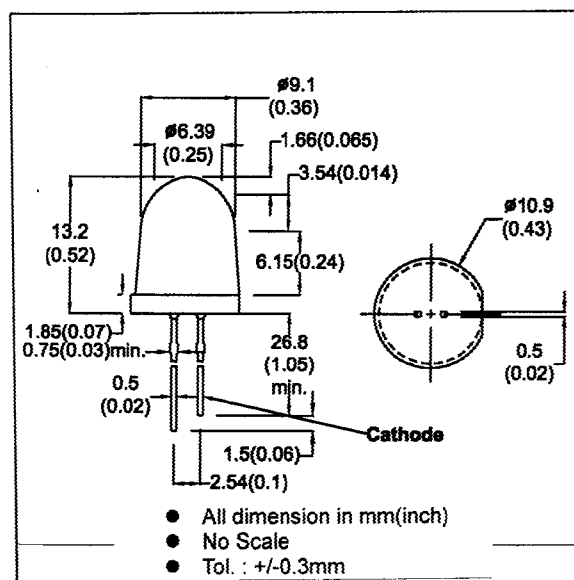


DESCRIPTION

MYB90TA is high efficiency yellow LED lamp encapsulated in a $\varnothing$ 10mm 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 Temperature

60mW

40mA

5V

-55 to +100°C

260°C

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				mcd	IF=20mA
MYB90TA-1		3000	5000		mcd	IF=20mA
MYB90TA-2		5000	8000		mcd	IF=20mA
MYB90TA-3		8000	12000		mcd	IF=20mA
Peak Wavelength	λ_p		585		nm	IF=20mA
Spectral Line Half Width	$\Delta\lambda$		35		nm	IF=20mA



MICRO ELECTRONICS LTD. 美科有限公司

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