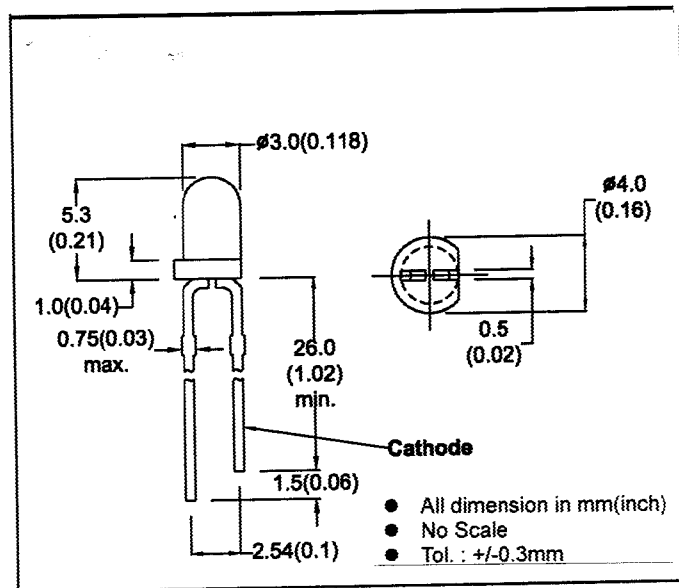


DESCRIPTION

MYB39CA is high efficiency yellow LED lamp encapsulated in a 3mm diameter, yellow 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)

60mW
 20mA
 5V
 -55 to $+100^\circ\text{C}$
 260°C for 5 sec.

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		585		nm	IF=20mA
Spectral Line Half Width	$\Delta\lambda$		35		nm	IF=20mA
Viewing Angle	2θ 1/2		24		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

MYB39CA

