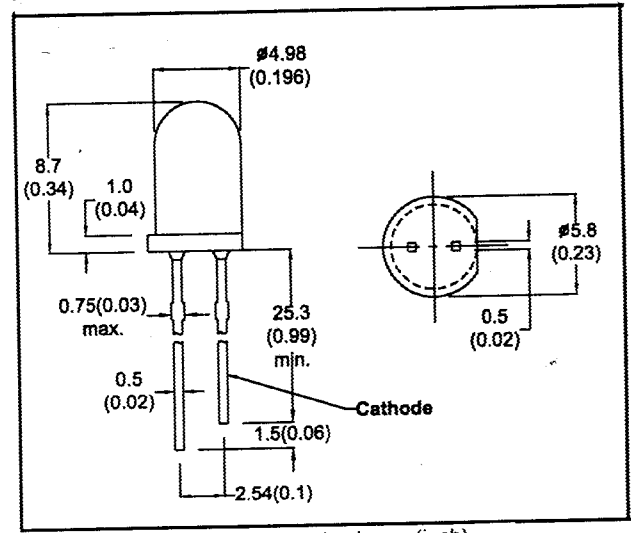


DESCRIPTION

MYB51DA is a AlGaInp super yellow LED lamp encapsulated in a 5mm diameter yellow diffused lens with an optimum viewing angle.



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

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
 40mA
 5V
 -55 to +100°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=100 μ A
Luminous Intensity	IV					
	MYB51DA-1	100	180		mcd	IF=20mA
	MYB51DA-2	180	260		mcd	IF=20mA
	MYB51DA-3	260	360		mcd	IF=20mA
Peak Wavelength	λ_p		595		nm	IF=20mA
Spectral Line Half Width	$\Delta\lambda$		15		nm	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