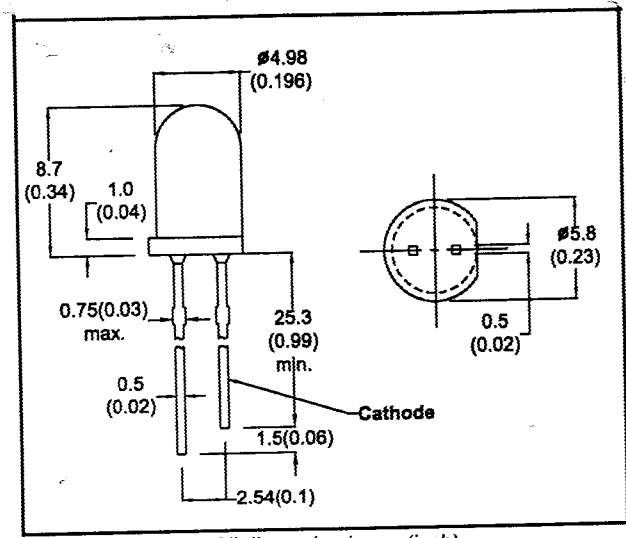


MICRO ELECTRONICS

ULTRA HIGH
BRIGHTNESS
YELLOW LED LAMP

DESCRIPTION

MYB51TA is high efficiency yellow LED lamp encapsulated in a 5mm diameter clear transparent lens.



ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ $T_a=25^\circ\text{C}$	60mW
Forward Current, DC (IF)	20mA
Reverse Voltage	5V
Operating & Storage Temperature Range	-55 to +100°C
Lead Soldering Temperature (1/16" from body)	260°C for 5 sec.

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

ELECTRO-OPTICAL CHARACTERISTIC($T_a=25^\circ\text{C}$)

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	130	250		mcd	IF=20mA
Peak Wavelength	λ_p		585		nm	IF=20mA
Spectral Line Half Width	$\Delta\lambda$		35		nm	IF=20mA
Viewing Angle	2 θ 1/2		20		degree	IF=20mA



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