

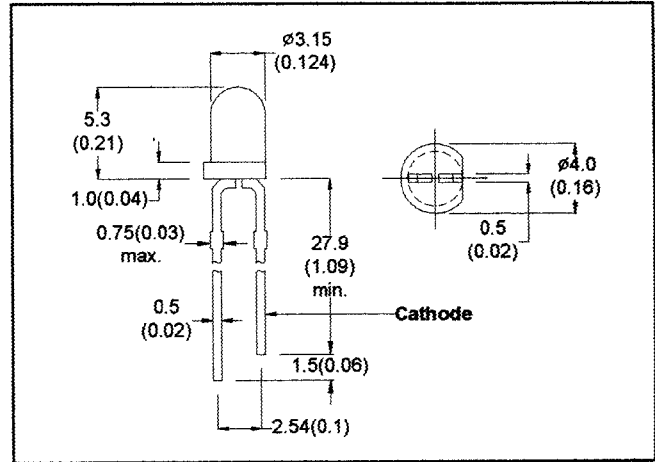
# MICRO ELECTRONICS

**MYB31CA**

**HIGH EFFICIENCY  
YELLOW LED LAMPS**

**DESCRIPTION**

MYB31CA is high efficiency yellow LED lamp encapsulated in a 3mm diameter, yellow transparent lens.



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

**ABSOLUTE MAXIMUM RATINGS**

Power Dissipation @Ta=25°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.

**ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)**

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	VF		2.0	3.0	V	IF=20mA
Reverse Breakdown Voltage	BVR	5			V	IR=100 μA
Luminous Intensity	IV	100	140		mcd	IF=20mA
Peak Wavelength	λp		585		nm	IF=20mA
Spectral Line Half Width	Δλ		35		nm	IF=20mA
Viewing Angle	2θ 1/2		40		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

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