

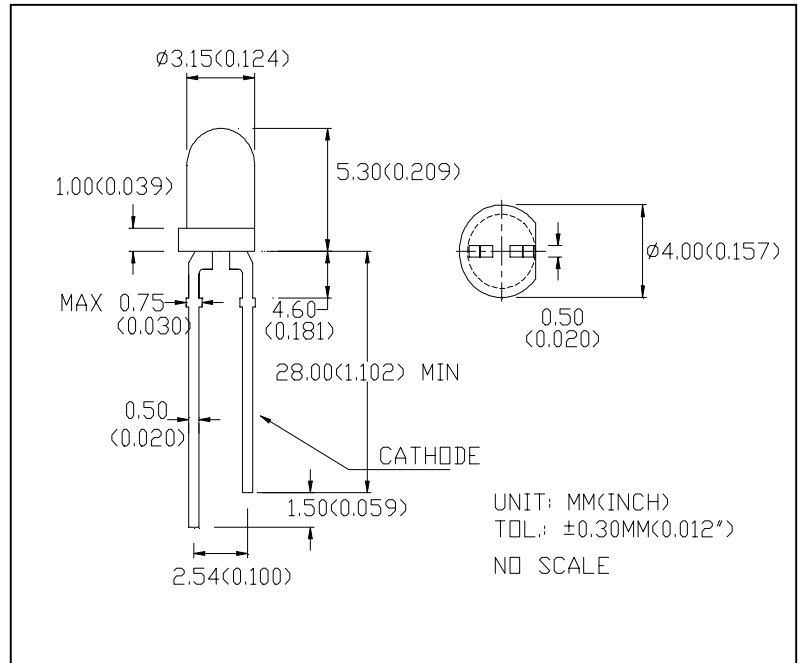
# MELECTRONICS MICRO

MYB31DA

HIGH  
BRIGHTNESS  
YELLOW LED LAMP

## DESCRIPTION

MYB31DA is a high brightness output yellow GaAsP/GaP LED lamp encapsulated in a 3.2mm diameter, yellow diffused lens.



## ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25°C	60mW
Forward Current, DC (IF)	20mA
Reverse Voltage	5V
Operating Temperature Range	-20 to +80°C
Storage Temperature Range	-30 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		2.1	3.0	V	IF=20mA
Reverse Breakdown Voltage	BVR	5			V	IR=100μA
Luminous Intensity	IV	15	30		mcd	IF=20mA
Dominant Wavelength	λ <sub>d</sub>		590		nm	IF=20mA
Spectral Line Half Width	Δλ		35		nm	IF=20mA
Viewing Angle	2θ 1/2		60		degree	IF=20mA



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16/04/03