

# MICRO ELECTRONICS

MYB31D  
MYB31TA  
MYB31W

## YELLOW LED LAMPS

### DESCRIPTION

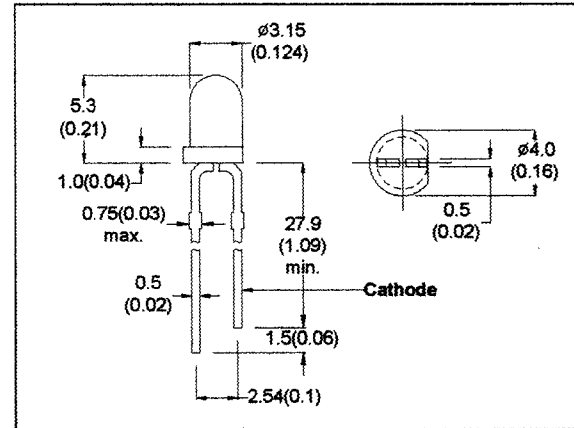
MYB31 Series are yellow LED lamp with 3mm diameter epoxy package.

MYB31C is yellow chip with yellow transparent lens.

MYB31D is yellow chip with yellow diffused lens.

MYB31TA is yellow chip with clear transparent lens.

MYB31W is yellow chip with clear diffused lens.



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

### ABSOLUTE MAXIMUM RATINGS

Power Dissipation @Ta=25°C

Forward Current, DC (IF)

Reverse Voltage

Operating & Storage Temperature Range

Lead Soldering Temperature (1/16" from body)

60mW

20mA

5V

-55 to +100°C

260°C for 5 sec.

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

PARAMETER	SYMBOL	MYB31C	MYB31D	MYB31TA	MYB31W	UNIT	CONDITIONS
Forward Voltage	MAX VF	3.0	3.0	3.0	3.0	V	IF=20mA
Reverse Breakdown Voltage	MIN BVR	5	5	5	5	V	IR=100 μA
Luminous Intensity	MIN IV	50	15	50	15	mcd	IF=20mA
	TYP	90	25	90	25	mcd	
Peak Wavelength	TYP λp	585	585	585	585	nm	IF=20mA
Spectral Line Half Width	TYP Δλ	35	35	35	35	nm	IF=20mA
Viewing Angle	TYP 2θ 1/2	40	60	40	60	degree	IF=20mA

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