

## DESCRIPTION

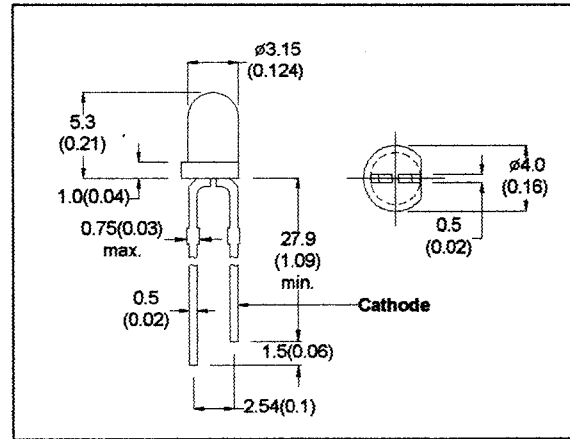
MOB31 Series are orange LED lamp with 3mm diameter epoxy package.

MOB31C is orange chip with orange transparent lens.

MOB31D is orange chip with orange diffused lens.

MOB31TA is orange chip with clear transparent lens.

MGB31W is orange chip with clear diffused lens.



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

## ABSOLUTE MAXIMUM RATINGS

Power Dissipation @Ta=25°C

90mW

Forward Current, DC (IF)

30mA

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	MOB31C	MOB31D	MOB31TA	MOB31W	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	60	20	60	20	mcd	IF=20mA
	TYP	90	30	90	30	mcd	
Peak Wavelength	TYP λp	630	630	630	630	nm	IF=20mA
Spectral Line Half Width	TYP Δλ	40	40	40	40	nm	IF=20mA
Viewing Angle	TYP 2θ 1/2	40	60	40	60	degree	IF=20mA

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