

DESCRIPTION

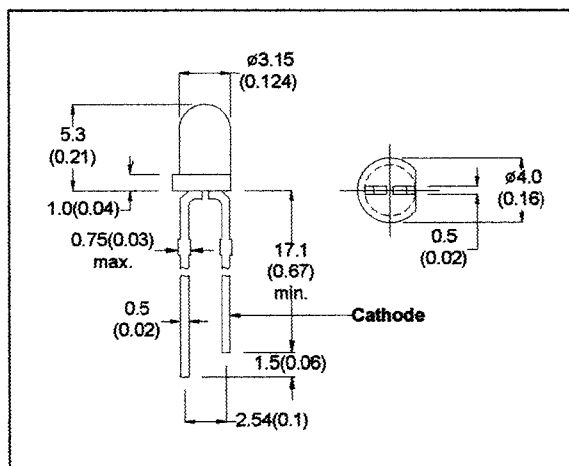
MO31 Series are orange LED lamp with 3mm diameter epoxy package.

MO31C is orange chip with orange transparent lens.

MO31D is orange chip with orange diffused lens.

MO31T is orange chip with clear transparent lens.

MG31W 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	MO31C	MO31D	MO31T	MO31W	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 μ A
Luminous Intensity	MIN IV	45	10	45	10	mcd	IF=20mA
	TYP	60	15	60	15	mcd	
Peak Wavelength	TYP λ_p	630	630	630	630	nm	IF=20mA
Spectral Line Half Width	TYP $\Delta\lambda$	40	40	40	40	nm	IF=20mA
Viewing Angle	TYP 2θ 1/2	40	60	40	60	degree	IF=20mA

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