

DESCRIPTION

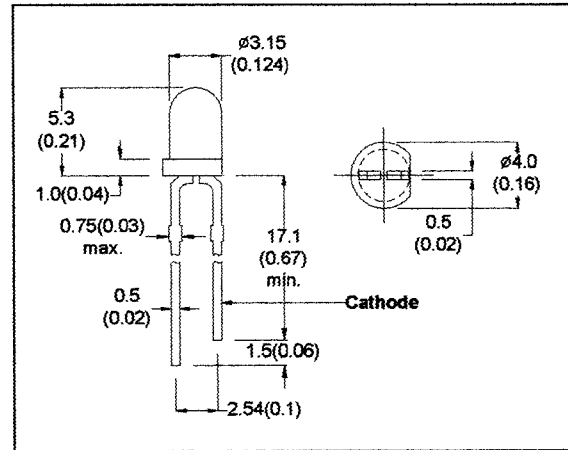
MG31 Series are green LED lamp with 3mm diameter epoxy package.

MG31C is green chip with green transparent lens.

MG31D is green chip with green diffused lens.

MG31T is green chip with clear transparent lens.

MG31W is green 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	MG31C	MG31D	MG31T	MG31W	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	15	60	15	mcd	IF=20mA
	TYP	90	25	90	25	mcd	
Peak Wavelength	TYP λp	570	570	570	570	nm	IF=20mA
Spectral Line Half Width	TYP Δλ	30	30	30	30	nm	IF=20mA
Viewing Angle	TYP 2θ 1/2	40	60	40	60	degree	IF=20mA

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