

DESCRIPTION

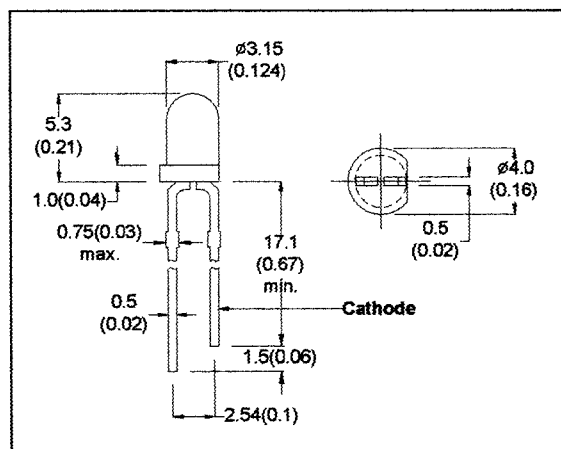
MG31 Series are green LED lamp with 3mm diameter epoxy package.

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

Forward Current, DC (IF)

Reverse Voltage

Operating & Storage Temperature Range

Lead Soldering Temperature (1/16" from body)

90mW

30mA

5V

-55 to +100°C

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 μ A
Luminous Intensity	MIN IV	60	15	60	15	mcd	IF=20mA
	TYP	90	25	90	25	mcd	
Peak Wavelength	TYP λ_p	570	570	570	570	nm	IF=20mA
Spectral Line Half Width	TYP $\Delta\lambda$	30	30	30	30	nm	IF=20mA
Viewing Angle	TYP $2\theta_{1/2}$	40	60	40	60	degree	IF=20mA

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