

DESCRIPTION

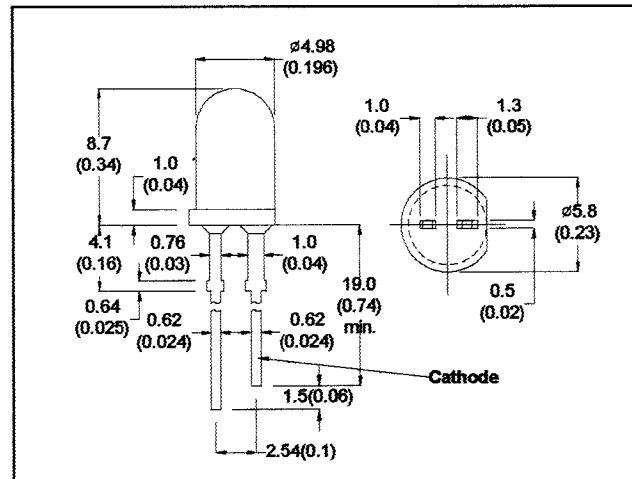
MG51 Series are green LED lamp with 5mm diameter epoxy package.

MG51C is green chip with green transparent lens.

MG51D is green chip with green diffused lens.

MG51T is green chip with clear transparent lens.

MG51W 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	MG51C	MG51D	MG51T	MG51W	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	8	60	8	mcd	IF=20mA
	TYP	90	12	90	12	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

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