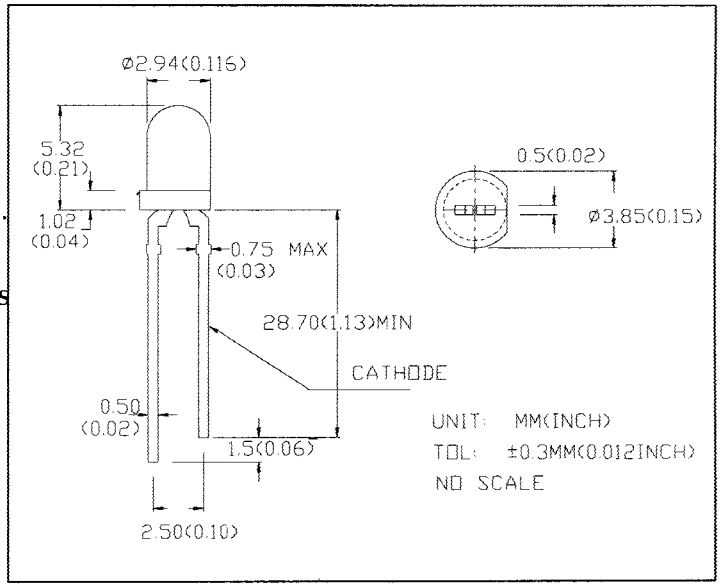
MICRO ELECTRONICS

MGC32D
MGC32TA
MGC32W
GREEN LED LAMPS

DESCRIPTION

MGC32 Series are green LED lamps with 3mm diameter epoxy package and long leads.
MGC32C is green chip with green transparent lens.
MGC32D is green chip with green diffused lens.
MGC32TA is green chip with clear transparent lens
MGC32W is green chip with clear diffused lens.



ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25°C	100mW
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 CHARACTE (Ta=25°C)

PARAMETER		SYMBOL	MGC32C	MGC32D	MGC32TA	MGC32W	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=100μA
Luminous Intensity	MIN	IV	100	25	100	25	mcd	IF=20mA
	TYP		150	40	150	40	mcd	
Peak Wavelength	TYP	λρ	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	30	50	30	50	degree	IF=20mA

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