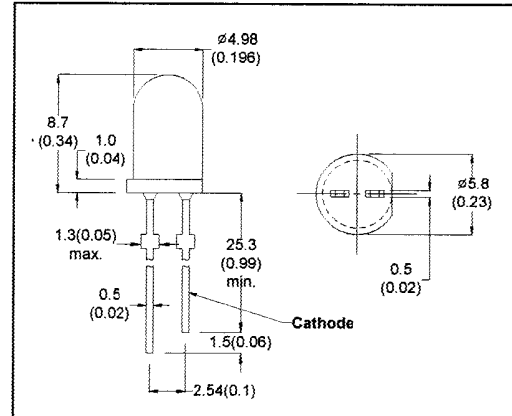


# MICRO ELECTRONICS

## MOZ51CK-X ULTRA HIGH BRIGHTNESS ORANGE LED LAMP

### DESCRIPTION

MGZ51C-X is high efficiency AlGaInp orange LED lamp encapsulated in a 5mm diameter orange transparent lens.



- ALL DIMENSION IN MM(INCH)
- TOL. : +/-0.3MM
- NO SCALE

### 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" form body)	260°C for 5 sec.

### ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	VF		2.0	3.0	V	IF=20mA
Reverse Breakdown Voltage	BVR	5			V	IR=100μA
Luminous Intensity	IV				mcd	IF=20mA
	MOZ51CK-1	120	200		mcd	IF=20mA
	MOZ51CK-2	200	280		mcd	IF=20mA
	MOZ51CK-3	280	360		mcd	IF=20mA
Viewing Angle	2 θ 1/2		70		degree	IF=20mA
Peak Wavelength	λp		620		nm	IF=20mA
Spectral Line Half Width	Δλ		17	20	nm	IF=20mA



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