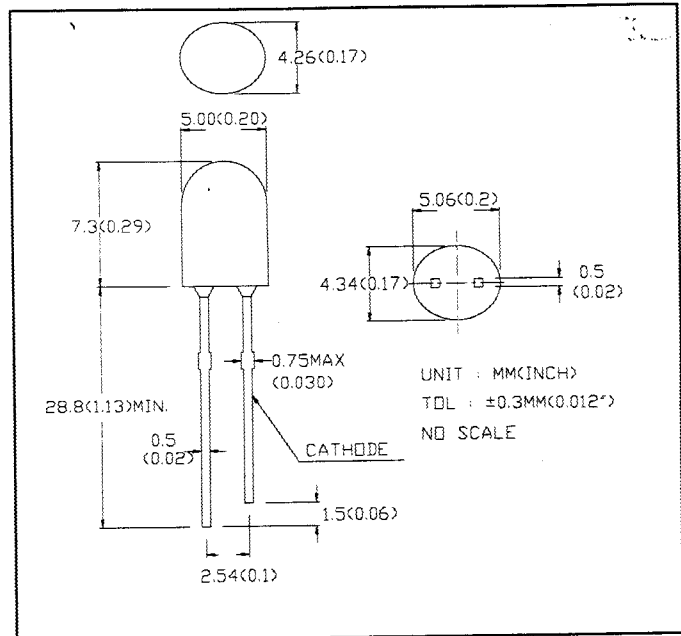


# MICRO ELECTRONICS

**5MM  
OVAL TYPE  
HIGH BRIGHTNESS  
RED LED LAMP**

## DESCRIPTION

MSB2310TK-5B is a high brightness AlGaInP/GaAs red LED lamp encapsulated in a 5mm diameter oval shape clear transparent lens.



## ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25°C	100mW
Forward Current, DC (IF)	40mA
Reverse Voltage	5V
Operating Temperature Range	-20 to +80°C
Storage Temperature Range	-30 to +100°C
Lead Soldering Temperature (1/16" from body)	260°C for 5 sec.

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

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	VF		2.1	2.5	V	IF=20mA
Reverse Breakdown Voltage	BVR	5			V	IR=100μA
Luminous Intensity MSB2310TK -5B	IV	300	600		mcd	IF=20mA
Peak Wavelength	λp		632		nm	IF=20mA
Spectral Line Half Width	Δλ		22		nm	IF=20mA
Viewing Angle	2θ 1/2		100		degree	IF=20mA



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Jan-01