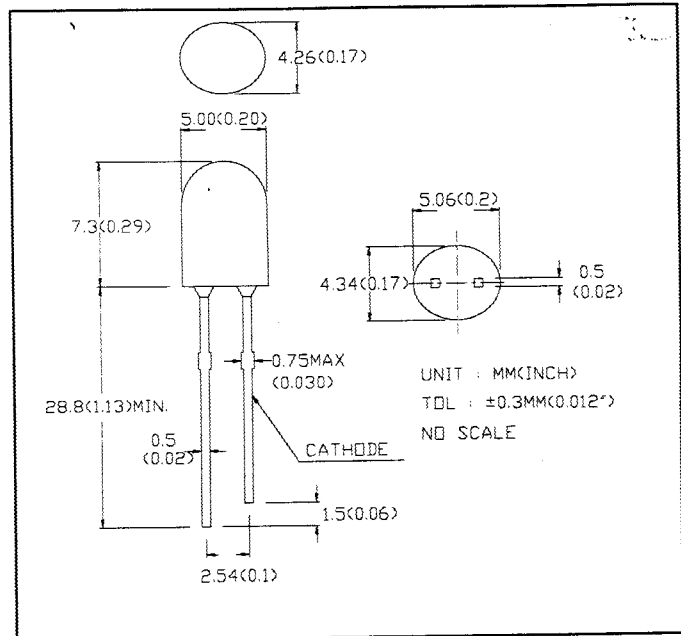


MICRO ELECTRONICS

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



MICRO ELECTRONICS LTD.

38, Hung To Road, Microtron Building, Kwun Tong, Kowloon, Hong Kong.
 Kwun Tong P.O. Box 69477 Hong Kong. Fax No. 2341 0321 Telex: 43510 Micro Hx. Tel: 2343 0181-5

Jan-01