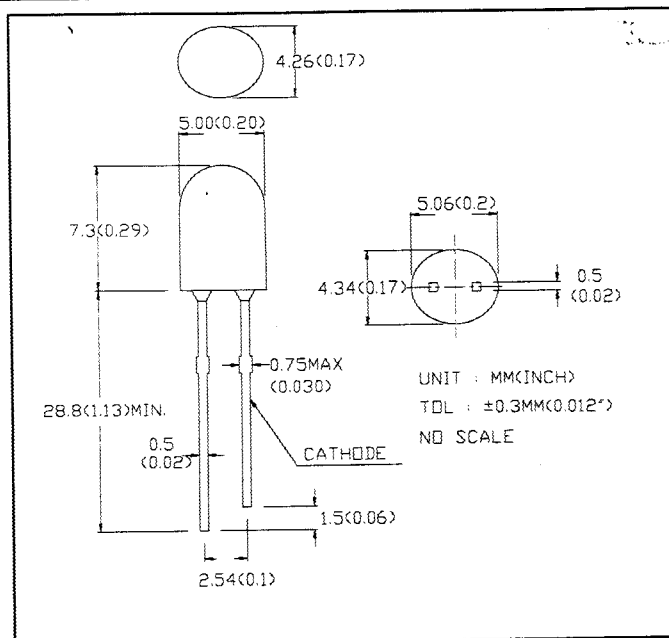


DESCRIPTION

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
Forward Current, DC (IF)
Reverse Voltage
Operating Temperature Range
Storage Temperature Range
Lead Soldering Temperature (1/16" from body)

100mW
40mA
5V
-20 to +80°C
-30 to +100°C
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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