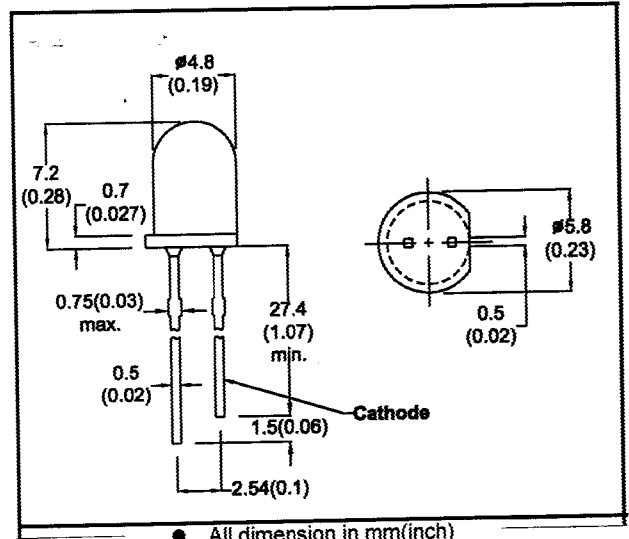


DESCRIPTION

MSB52TK-3 is an ultra high brightness output red GaAlAs LED lamp encapsulated in a 5mm diameter clear transparent lens with an optimum viewing angle.



- All dimension in mm(inch)
- No Scale
- Tol. : +/-0.3mm

ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25°C
 Forward Current, DC (IF)
 Reverse Voltage
 Operating & Storage Temperature Range
 Lead Temperature

100mW
 40mA
 5V
 -55 to +100°C
 260°C

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	VF			2.4	V	IF=20mA
Reverse Breakdown Voltage	BVR	5			V	IR=100μA
Luminous Intensity	IV	400	500		mcd	IF=20mA
Peak Wavelength	λp		660		nm	IF=20mA
Spectral Line Half Width	Δλ		20		nm	IF=20mA



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MSB52TK-3

