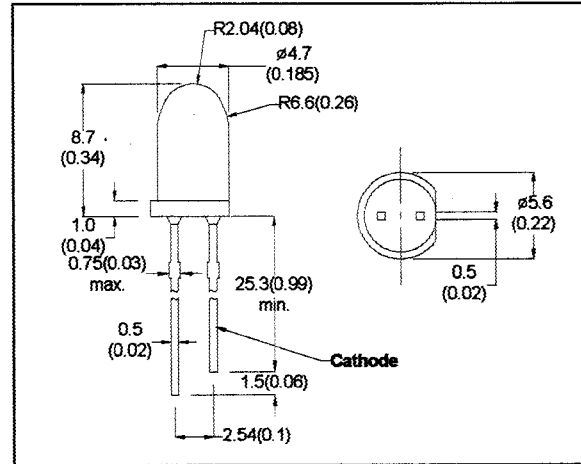


DESCRIPTION

MSB49TA-5B is an ultra high brightness output red AlGaInP LED lamp encapsulated in a 4.7mm diameter clear transparent lens.



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

ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25°C	105mW
Forward Current, DC (IF)	40mA
Reverse Voltage	5V
Operating & Storage Temperature Range	-55 to +100°C
Lead Soldering Temperature (1/16" from body)	260°C for 5 sec.

ELECTRO-OPTICAL CHARACTERISTIC (Ta=25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	V _F		1.9	2.6	V	I _F =20mA
Reverse Breakdown Voltage	BV _R	10			V	I _R =100μA
Luminous Intensity	I _V	2800	4500		mcd	I _F =20mA
Peak Wavelength	λ _p		645		nm	I _F =20mA
Spectral Line Half Width	Δλ		22		nm	I _F =20mA

Rev.A.

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