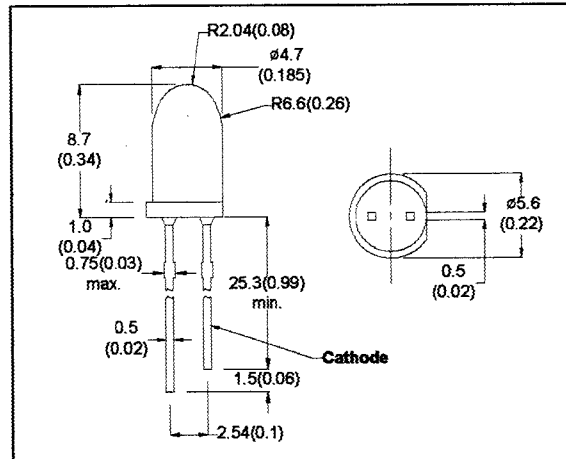


DESCRIPTION

MGB49TA is green GaP LED lamp and MYB49TA is yellow GaAsP LED lamp, ultra high brightness output, 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
 Forward Current, DC (IF)
 Reverse Voltage
 Operating & Storage Temperature Range
 Lead Soldering Temperature (1/16" from body)

MGB49TA

MYB49TA

90mW	60mA
30mA	20mA
5V	5V
-55 to =100°C	
260°C for 5 sec.	

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MGB49TA	MYB49TA	UNIT	CONDITIONS
Forward Voltage	MAX V _F	3.0	3.0	V	I _F =20mA
Reverse Breakdown Voltage	MIN BV _R	5	5	V	I _R =100 μA
Luminous Intensity	MIN I _V	300	180	mcd	I _F =20mA
	TYP	500	300	mcd	I _F =20mA
Peak Wavelength	TYP λ _p	570	585	nm	I _F =20mA
Spectral Line Half Width	TYP Δλ	30	35	nm	I _F =20mA
Viewing Angle	TYP 2θ 1/2	12	12	degree	IF=20mA

Rev.B.

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