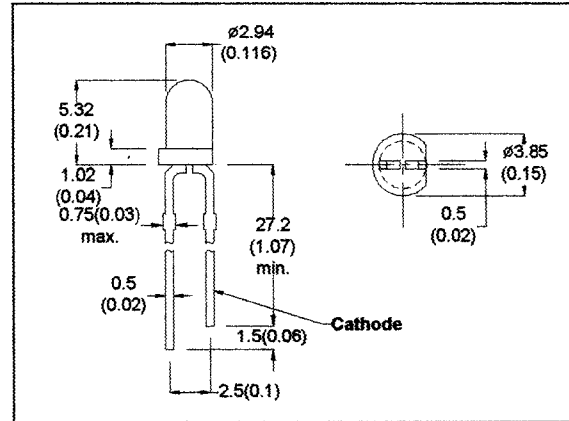


# MICRO ELECTRONICS MYB32TA-X

ULTRA HIGH BRIGHTNESS YELLOW LED LAMP

## DESCRIPTION

MYB32TA-X is high efficiency AlGaInP Super yellow LED lamp encapsulated in a 3mm diameter clear transparent lens. 3 brightness grouping is provided for customer's selection.



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

## ABSOLUTE MAXIMUM RATINGS

Power Dissipation @Ta=25°C	100mW
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 CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	VF		2.0	3.0	V	IF=20mA
Reverse Breakdown Voltage	BVR	5			V	IR=100 μA
Luminous Intensity	IV				mcd	IF=20mA
	MYB32TA-1	600	1000		mcd	IF=20mA
	MYB32TA-2	1000	1400		mcd	IF=20mA
	MYB32TA-3	1400	1800		mcd	IF=20mA
Peak Wavelength	λp		595		nm	IF=20mA
Spectral Line Half Width	Δλ		15	20	nm	IF=20mA
Viewing Angle	2θ 1/2		30		degree	IF=20mA

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