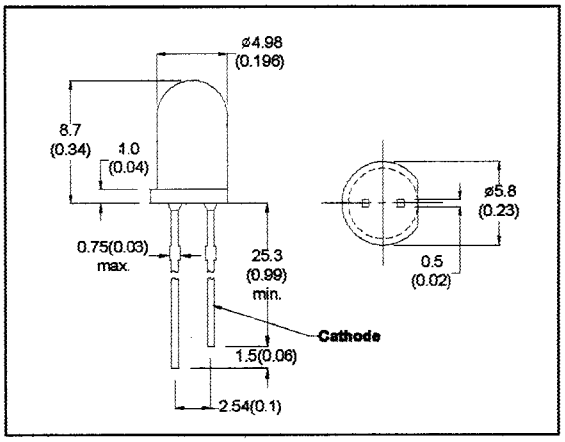
MICRO ELECTRONICS

MYB51CAS-X

ULTRA HIGH BRIGHTNESS YELLOW LED LAMP

DESCRIPTION

MYB51CAS-X is an high brightness AlGaInp yellow LED lamp encapsulated in a 5mm diameter yellow 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℃	120mW
Forward Current, DC (IF)	40mA
Reverse Voltage	5V
Operating & Storage Temperature Range	-55 to +100℃
Lead Soldering Temperature (1/16" from body)	260℃ for 5 sec.

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25℃)

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 μ A
Luminous Intensity	IV				mcd	IF=20mA
-1		1500	2500		mcd	IF=20mA
-2		2500	3500		mcd	IF=20mA
-3		3500	5000		mcd	IF=20mA
Peak Wavelength	$\lambda\rho$		588		nm	IF=20mA
Spectral Line Half Width	$\Delta\lambda$		15	20	nm	IF=20mA
Viewing Angle	2θ 1/2		20		degree	IF=20mA

Rev.A.

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