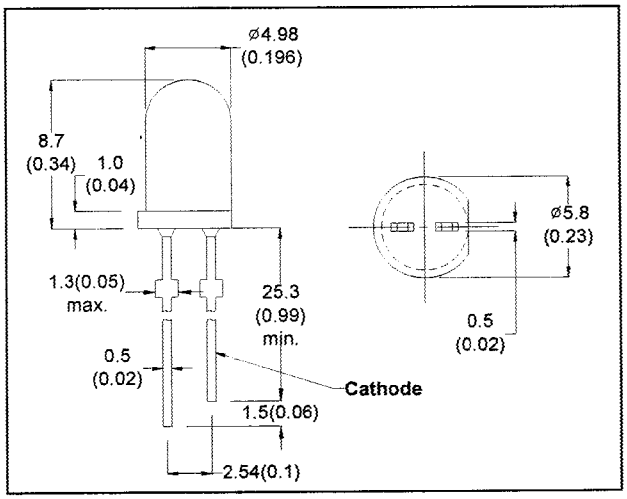
MICRO ELECTRONICS

MYZ51TA-X

ULTRA HIGH BRIGHTNESS YELLOW LED LAMP

DESCRIPTION

MYZ51TA-X is high efficiency AlGaInP super yellow LED lamp encapsulated in a 5mm diameter clear transparent lens. 3 brightness grouping is provided for customer's selection.



- ALL DIMENSION IN MM(INCH)
- TOL. : +/-0.3MM
- NO SCALE

ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25℃	150mW
Forward Current, DC (IF)	50mA
Reverse Voltage	5V
Operating & Storage Temperature Range	-55 to +100℃
Lead Soldering Temperature (1/16" from body)	260℃ for 5sec.

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25℃)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	VF			3.0	V	IF=20mA
Reverse Breakdown Voltage	BVR	5			V	IR=100 μA
Luminous Intensity	IV					
MYZ51TA-1		1500	2500		mcd	IF=20mA
MYZ51TA-2		2500	3500		mcd	IF=20mA
MYZ51TA-3		4000	6000		mcd	IF=20mA
Peak Wavelength	$\lambda\rho$		595		nm	IF=20mA
Spectral Line Half Width	$\Delta\lambda$		15	20	nm	IF=20mA
Viewing Angle	2θ 1/2		20		degree	IF=20mA

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