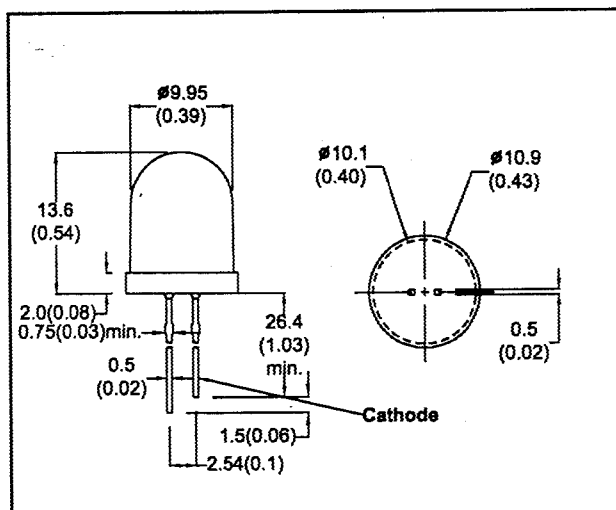


DESCRIPTION

MYB100D is high efficiency yellow LED lamp encapsulated in a 10mm diameter large package, yellow diffused lens.



- All dimension in mm(inch)
- No Scale
- Tol. : ± 0.3 mm

ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ $T_a = 25^\circ\text{C}$

Forward Current, DC (I_F)

Reverse Voltage

Operating & Storage Temperature Range

Lead Temperature

60mW

20mA

5V

-55 to $+100^\circ\text{C}$

260°C

ELECTRO-OPTICAL CHARACTERISTICS ($T_a = 25^\circ\text{C}$)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	VF			3.0	V	$I_F = 20\text{mA}$
Reverse Breakdown Voltage	BVR	5			V	$I_R = 100\mu\text{A}$
Luminous Intensity	IV	15	30		mcd	$I_F = 20\text{mA}$
Peak Wavelength	λ_p		585		nm	$I_F = 20\text{mA}$
Spectral Line Half Width	$\Delta\lambda$		35		nm	$I_F = 20\text{mA}$



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