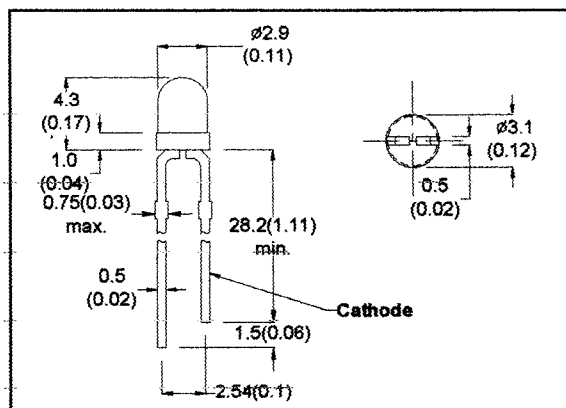


DESCRIPTION

MOB36C is high efficiency orange LED lamp encapsulated in a 3mm diameter orange transparent lens.



- All Dimension in mm (inch)
- No Scale
- Tol: $\pm 0.3\text{mm}$

ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ $T_a=25^\circ\text{C}$	90mW
Forward Current, DC (IF)	30mA
Reverse Voltage	5V
Operating & Storage Temperature Range	-55 to $+100^\circ\text{C}$
Lead Soldering Temperature (1/16" from body)	260 $^\circ\text{C}$ for 5 sec.

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

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	35	55		mcd	IF=20mA
Peak Wavelength	λ_p		630		nm	IF=20mA
Spectral Line Half Width	$\Delta\lambda$		40		nm	IF=20mA

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Aug-99