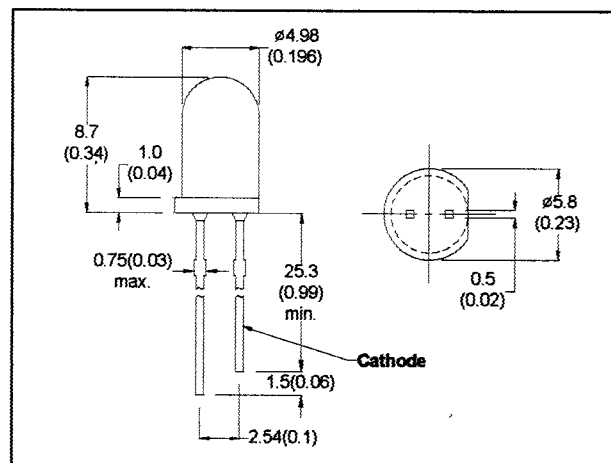


## DESCRIPTION

MOB51CRAH and MOB51DRAH are AlGaInP super orange LED lamp encapsulated in a 5mm diameter, round type lens.

MOB51CRAH with red transparent lens and MOB51DRAH with red diffused lens.



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

## ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25°C	90mW
Forward Current, DC (IF)	30mA
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	MOB51CRAH	MOB51DRAH	UNIT	CONDITIONS
Forward Voltage	MAX	VF	3.0	3.0	V	IF=20mA
Reverse Breakdown Voltage	MIN	BVR	5	5	V	IR=100μA
Luminous Intensity	MIN	IV	3500	500	mcd	IF=20mA
	TYP		5000	700	mcd	IF=20mA
Peak Wavelength	TYP	λp	625	625	nm	IF=20mA
Spectral Line Half Width	TYP	Δλ	17	17	nm	IF=20mA
Viewing Angle	TYP	2θ 1/2	20	40	degree	IF=20mA

Rev.A.

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