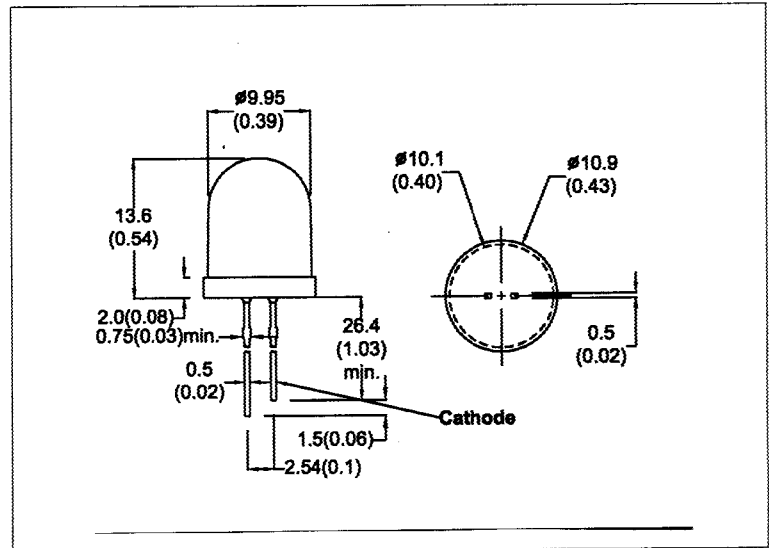


DESCRIPTION

MOB100DSH is an ultra high efficiency AlGaInP super orange LED lamp encapsulated in a 10mm diameter large package with orange duffed 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	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	400	600		mcd	IF=20mA
Peak Wavelength	λp	603	611	619	nm	IF=20mA
Spectral Line Half Width	Δλ		17	20	nm	IF=20mA
Viewing Angle	2θ 1/2		60		degree	IF=20mA



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