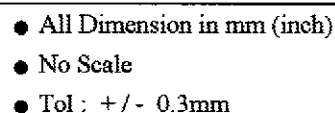


MOB51TA-X is an high brightness AlGaInP output orange LED lamp encapsulated in a 5mm diameter, clear transparent lens. 3 brightness grouping is provided for customer's selection.



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

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	V _F		2.0	3.0	V	I _F =20mA
Reverse Breakdown Voltage	BVR	5			V	I _R =100μA
Luminous Intensity	I _V				mcd	I _F =20mA
	-1	1000	1500		mcd	I _F =20mA
	-2	1500	2000		mcd	I _F =20mA
	-3	2000	3000		mcd	I _F =20mA
Peak Wavelength	λ _p		620		nm	I _F =20mA
Spectral Line Half Width	Δλ		17	20	nm	I _F =20mA
Viewing Angle	2θ 1/2		20		degree	I _F =20mA

(Signature)

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