MICRO ELECTRONICS

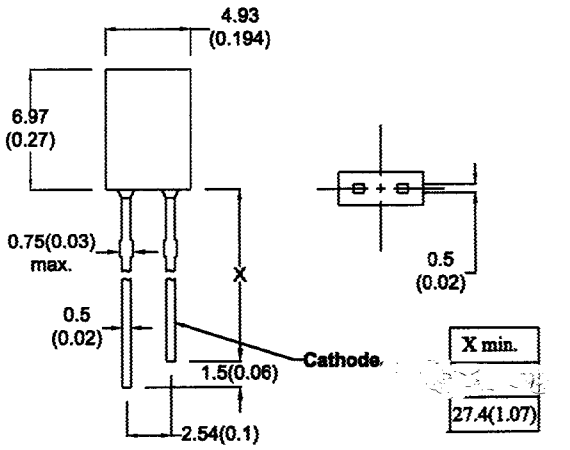
MOB63DR

FLANGELESS RECTANGULAR BAR LED LAMP

DESCRIPTION

MOB63D & MOB63DR is orange LED lamp encapsulated in a 1.9mm x 4.8mm flangeless rectangular bars .

MOB63D is orange chip with orange diffused lens.
MOB63DR is orange chip with red diffused lens.



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

ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25℃	100mW
Forward Current DC (IF)	30mA
Reverse Voltage	5V
Operating & Storage Temperature Range	-55 to +100℃
Lead Soldering Temperature (1/16" from body)	260℃ for 5 sec.

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25℃)

PARAMETER		SYMBOL	MOB63D	MOB63DR	UNIT	CONDITIONS
Forward Voltage	MAX	VF	3.0	3.0	V	IF=20mA
Reverse Breakdown Voltage	MIN	BVR	5	5	V	IR=100 μA
Luminous Intensity	MIN	IV	2.4	2.4	mcd	IF=20mA
	TYP		4.0	4.0	mcd	IF=20mA
Peak Wavelength	TYP	$\lambda\rho$	630	640	nm	IF=20mA
Spectral Line Half Width	TYP	$\Delta\lambda$	40	40	nm	IF=20mA
Viewing Angle	TYP	2Θ 1/2	156	156	degree	IF=20mA

Rev.B.

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