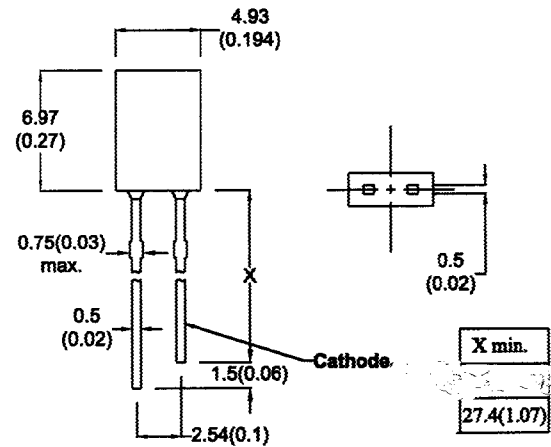


DESCRIPTION

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°C	100mW
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	MOB63D	MOB63DR	UNIT	CONDITIONS
Forward Voltage	MAX VF	3.0	3.0	V	IF = 20mA
Reverse Break-down 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 λp	630	640	nm	IF = 20mA
Spectral Line Half Width	TYP Δλ	40	40	nm	IF = 20mA
Viewing Angle	TYP 2θ 1/2	156	156	degree	IF = 20mA

Rev.B.

