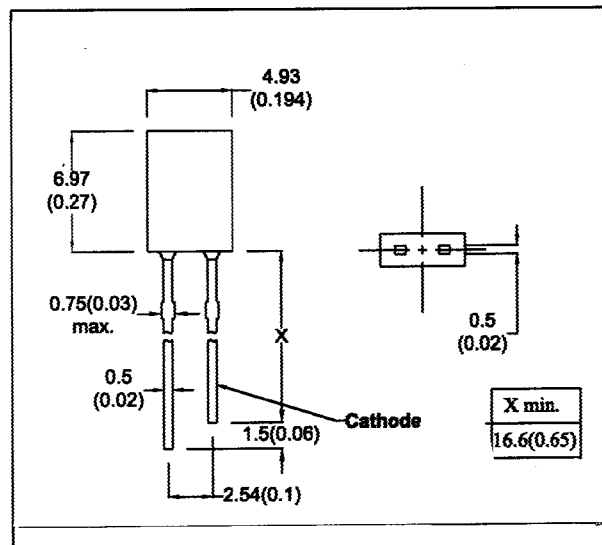


DESCRIPTION

MO63D & MO63DR is orange LED lamp encapsulated in a 1.9mmX4.8mm flangeless rectangular bars.

MO63D is orange chip with orange diffused lens.

MO63DR 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

Forward Current, DC (IF)

Reverse Voltage

Operating & Storage Temperature Range

Lead Temperature

100mW

30mA

5V

-55 to +100°C

260°C

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER		SYMBOL	MO63D	MO63DR	UNIT	CONDITIONS
Forward Voltage	MAX	VF	3.0	3.0	V	IF=20mA
Reverse Breakdown Voltage	MIN	BVR	5	5	V	IR=100 μ A
Luminous Intensity	MIN	IV	2.4	2.4	mcd	IF=20mA
	TYP		4.0	4.0	mcd	IF=20mA
Peak Wavelength	TYP	λ_p	630	640	nm	IF=20mA
Spectral Line Half Width	TYP	$\Delta\lambda$	40	40	nm	IF=20mA
Viewing Angle	TYP	2 Θ 1/2	172	172	degree	IF=20mA



MICRO ELECTRONICS LTD.

38, Hung To Road, Microtron Building, Kwun Tong, Kowloon, Hong Kong.

Kwun Tong P.O. Box 69477 Hong Kong. Fax No. 2341 0321 Telex:43510 Micro Hx. Tel: 2343 0181-5

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