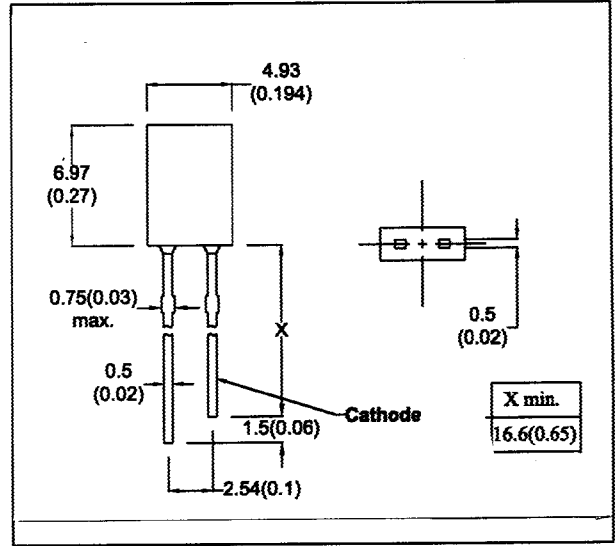


### DESCRIPTION

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 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	172	172	degree	IF=20mA



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