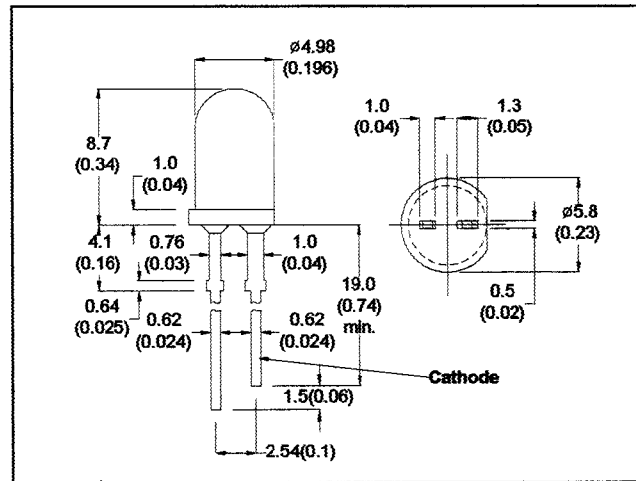


DESCRIPTION

MO51CR and MO51DR are high efficiency red LED lamp encapsulated in a 5mm diameter, round type lens.

MO51CR with red transparent lens and
MO51DR with red diffused lens.



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

ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25°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	MO51CR	MO51DR	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	45	6.5	mcd IF=20mA
	TYP		60	10	mcd
Peak Wavelength	TYP	λp	640	640	nm IF=20mA
Spectral Line Half Width	TYP	Δλ	40	40	nm IF=20mA

Rev.A.

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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