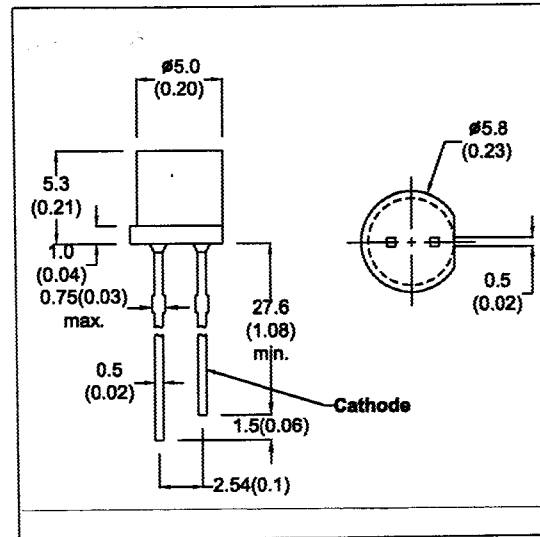


MICRO ELECTRONICS

MOB53DR
 ULTRA HIGH
 BRIGHTNESS
 ORANGE LED LAMP

DESCRIPTION

MOB53DR is high efficiency red LED lamp encapsulated in a 5mm diameter, flat top red diffused lens.



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

ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ $T_a=25^\circ\text{C}$
 Forward Current, DC (IF)
 Reverse Voltage
 Operating & Storage Temperature Range
 Lead Soldering Temperature (1/16" from body)

100mW
 30mA
 5V
 -55 to +100°C
 260°C for 5 sec.

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	VF			3	V	IF=20mA
Reverse Breakdown Voltage	BVR	5			V	IR=100μA
Luminous Intensity	IV	3.5	5		mcd	IF=20mA
Peak Wavelength	λ_p		640		nm	IF=20mA
Spectral Line Half Width	$\Delta\lambda$		40		nm	IF=20mA



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