

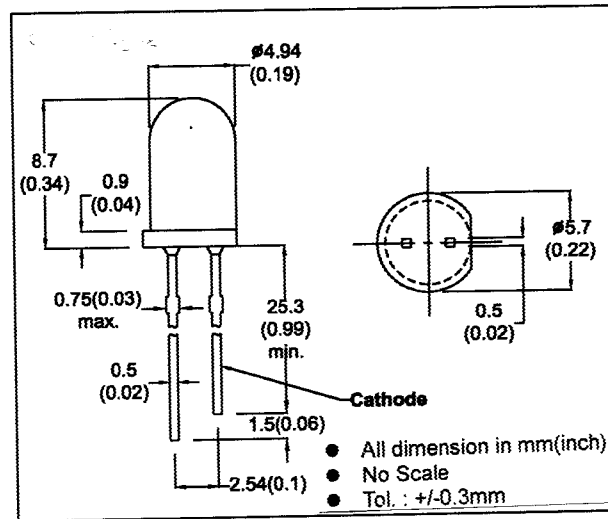
MICRO ELECTRONICS

MSB 58TA-3

ULTRA HIGH
BRIGHTNESS
RED LED LAMP

DESCRIPTION

MSB 58TA-3 is an ultra high brightness output red GaAlAs LED lamp encapsulated in a 5mm diameter clear transparent lens with an optimum viewing angle.



ABSOLUTE MAXIMUM RATINGS

Power Dissipation @Ta=25°C	100mW
Forward Current, DC (IF)	40mA
Reverse Voltage	3V
Operating & Storage Temperature	-55 to +100°C
Lead Soldering Temperature (1/16" from body)	260°C for 5 sec.

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	VF			2.4	V	IF=20mA
Emission Peak Wave Length	BVR	5			V	IR=10μA
Spectral Line Half Width	IV	650	850		mcd	IF=20mA
Peak Current (1/8 duty cycle)	λp		660		mA	IF=20mA
Pulse Rate	Δλ		20		Hz	IF=20mA



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