

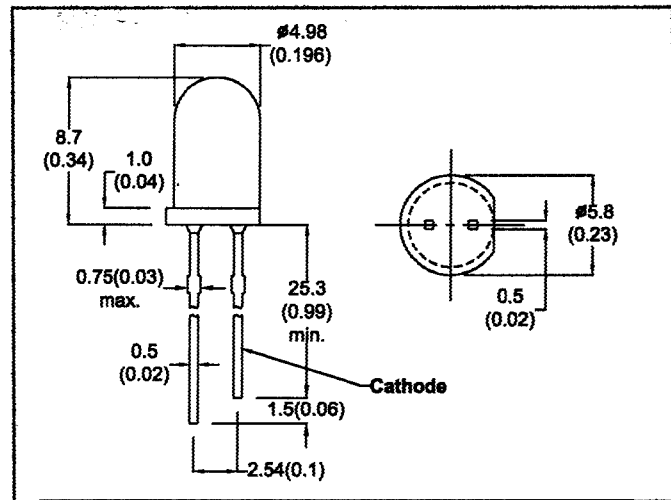
# MICRO

ELECTRONIC

MSB557/DA  
**BLINKING  
 LED LAMPS**  
 (T-1 3/4 PACKAGE)

## DESCRIPTION

MSB557DA is GaAlAs red LED lamp with a 5mm red diffused lens. The built-in IC flashes the lamp on/off and can be driven directly by standard TTL and CMOS circuits, eliminating the need for external switching circuitry.



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

## ABSOLUTE MAXIMUM RATINGS

Operating Temperature Range

-20 to +70°C

Storage Temperature Range

-20 to +85°C

Lead Soldering Temperature (1/16" from body)

260°C for 5 sec.

Reverse Voltage

5V

## ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Luminous Intensity	IV	50	80		mcd	V <sub>F</sub> =3V
Emission Peak Wave Length	λ <sub>p</sub>		660		nm	I <sub>F</sub> =20mA
Spectral Line Half Width	Δλ		20		nm	I <sub>F</sub> =20mA
Operating Voltage	V <sub>opr</sub>	1.6	3.0	3.4	V	
Peak Current (1/8 duty cycle)	ICM		28		mA	V <sub>F</sub> =3V
Pulse Rate		0.6	1.0	1.8	Hz	V <sub>F</sub> =3V

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