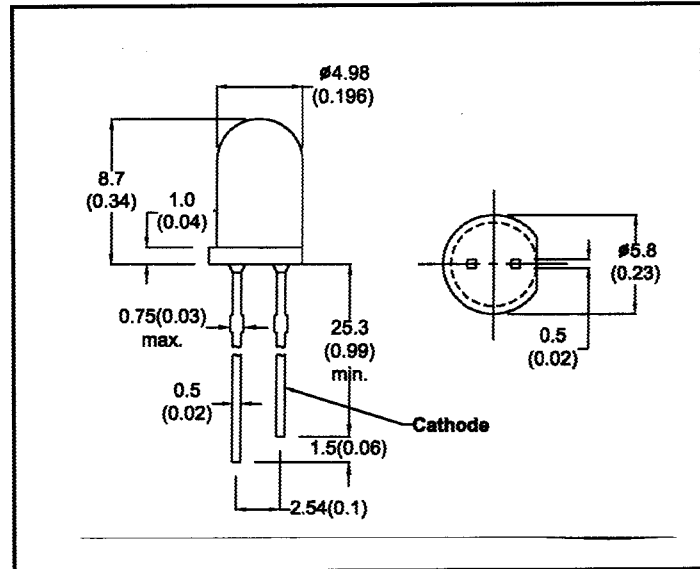


## DESCRIPTION

MSB557TA-12V is GaAlAs red LED lamp with a 5mm clear transparent 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  
Storage Temperature Range  
Lead Soldering Temperature (1/16" from body)  
Operating Voltage

0 to +70°C  
-20 to +85°C  
260°C for 5 sec.  
5V

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

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Luminous Intensity	IV	300	500		mcd	VF=12V
Emission Peak Wave Length	$\lambda_p$		660		nm	IF=20mA
Spectral Line Half Width	$\Delta\lambda$		20		nm	IF=20mA
Operating Voltage	Vopr	3	12	15	V	
Peak Current (1/8 duty cycle)	ICM		28		mA	VF=12V
Pulse Rate		1.2	2	2.8	Hz	VF=12V



**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

Nov-98