

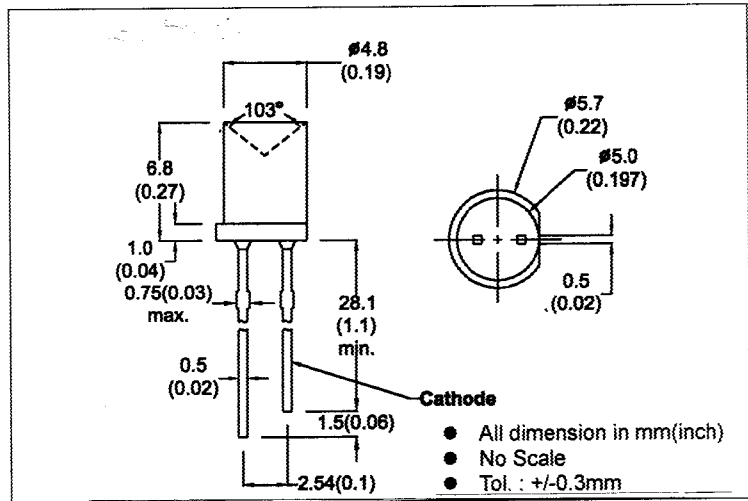
MICRO ELECTRONICS

MSB55CA-0
MSB55TA-0

ULTRA HIGH
BRIGHTNESS
RED LED LAMP

DESCRIPTION

MSB55CA-0 / MSB55TA-0 are ultra high brightness output red GaAlAs LED lamp encapsulated in a 5mm diameter, cylindric lens with red / clear transparent lens.



ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25°C	100mW
Forward Current, DC (IF)	40mA
Reverse Voltage	5V
Operating & Storage Temperature Range	-55 to +100°C
Lead Soldering Temperature (1/16" form 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
Reverse Breakdown Voltage	BVR	5			V	IR=100μA
Luminous Intensity	IV	2.8	4.0		mcd	IF=20mA
Peak Wavelength	λp		660		nm	IF=20mA
Spectral Line Half Width	Δλ		20		nm	IF=20mA
Viewing Angle	2θ 1/2		170		degree	IF=20mA



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