

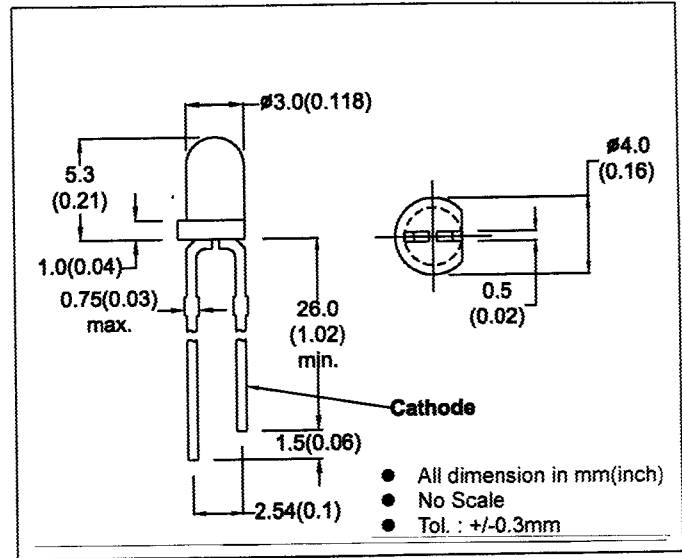
MICRO

ELECTRONICS

ULTRA HIGH
BRIGHTNESS
RED LED LAMP

DESCRIPTION

MSE39TA-B is a high brightness output red AlGaInP LED lamp encapsulated in a 3mm diameter clear transparent lens. 3 brightness grouping is provided for customer's selection.



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" from body)	260°C for 5 sec.

ELECTRO-OPTICAL CHARACTERISTIC (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				mcd	IF=20mA
	-3B	600	900		mcd	IF=20mA
	-4B	900	1200		mcd	IF=20mA
	-5B	1200	1500		mcd	IF=20mA
Peak Wavelength	λp		645		nm	IF=20mA
Spectral Line Half Width	Δλ		22	25	nm	IF=20mA
Viewing Angle	2θ 1/2		12		degree	IF=20mA



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