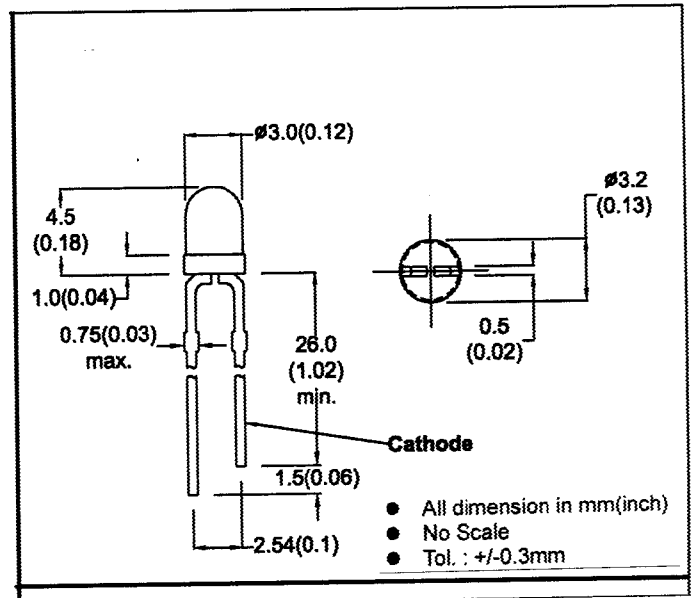


DESCRIPTION

MSB35DK-0 is high efficiency GaAlAs red LED lamp encapsulated in a 3mm diameter with red diffused lens.



ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25°C	95mW
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 CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	VF		1.8	2.4	V	IF=20mA
Reverse Breakdown Voltage	BVR	5			V	IR=100 μ A
Luminous Intensity	IV	8	15		mcd	IF=20mA
Peak Wavelength	λ_p		660		nm	IF=20mA
Spectral Line Half Width	$\Delta\lambda$		20		nm	IF=20mA
Viewing Angle	2 θ 1/2		136		degree	IF=20mA



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