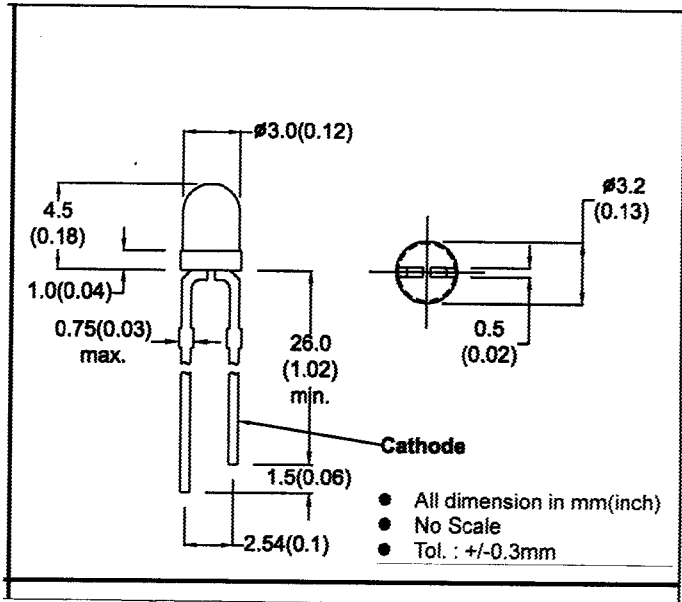


DESCRIPTION

MGB35DK-1 is high efficiency GaP/GaP green LED lamp encapsulated in a 3mm diameter with green diffused lens.



ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ $T_a=25^\circ\text{C}$	90mW
Forward Current, DC (IF)	30mA
Reverse Voltage	5V
Operating & Storage Temperature Range	-55 to $+100^\circ\text{C}$
Lead Soldering Temperature (1/16" from body)	260 $^\circ\text{C}$ for 5 sec.

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25 $^\circ\text{C}$)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	VF		2.2	3.0	V	IF=20mA
Reverse Breakdown Voltage	BVR	5			V	IR=100 μA
Luminous Intensity	IV	15	20		mcd	IF=20mA
Peak Wavelength	λ_p		570		nm	IF=20mA
Spectral Line Half Width	$\Delta\lambda$		30		nm	IF=20mA
Viewing Angle	2 θ 1/2		136		degree	IF=20mA



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