

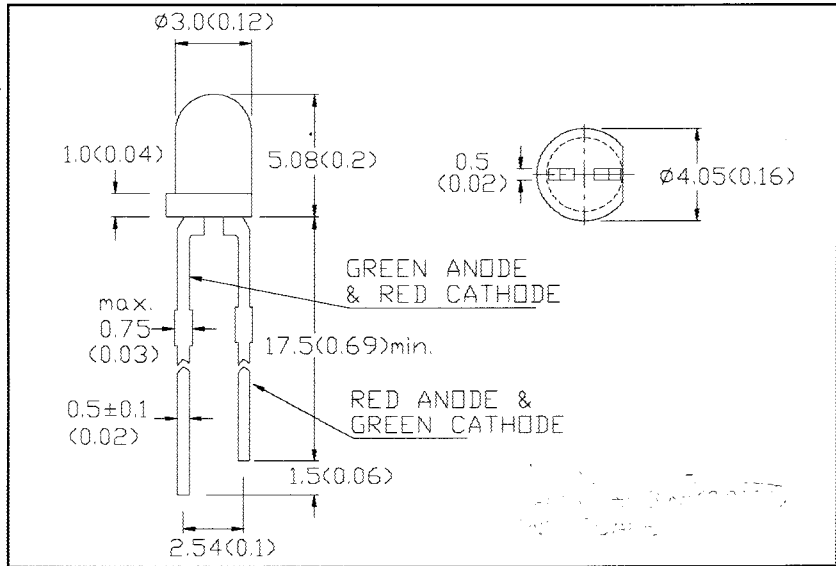
MICRO ELECTRONICS

MSGN391A

**ULTRA HIGH
BRIGHTNESS
RED, GREEN
DUAL COLOR LAMP**

DESCRIPTION

A red and green lamp made of GaAlAs, GaP chip offering a changing color characteristics. These two light emitting diodes are mounted in a 3 mm diameter transparent lens.



- All dimension in mm(inch)
- No Scale
- Tol. : +/-0.3mm

ABSOLUTE MAXIMUM RATINGS

	RED	GREEN
Power Dissipation @ Ta=25°C	100mW	100mW
Forward Current, DC (IF)	30mA	30mA
Operating Temperature Range		-55 to +55°C
Storage Temperature Range		-55 to +100°C
Lead Soldering Temperature (1/16" from body)		260°C
Maximum Soldering Time(≤260°C)		3sec

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	RED	GREEN	UNIT	CONDITIONS
Forward Voltage	MAX VF	3	3	V	IF=20mA
Luminous Intensity	MIN IV	90	60	mcd	IF=20mA
	TYP	140	70	mcd	IF=20mA
Peak Wavelength	TYP λp	660	570	nm	IF=20mA
Spectral Line Half Width	TYP Δλ	20	30	nm	IF=20mA
Viewing Angle	2θ 1/2	50	50	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

VERA