

MICRO

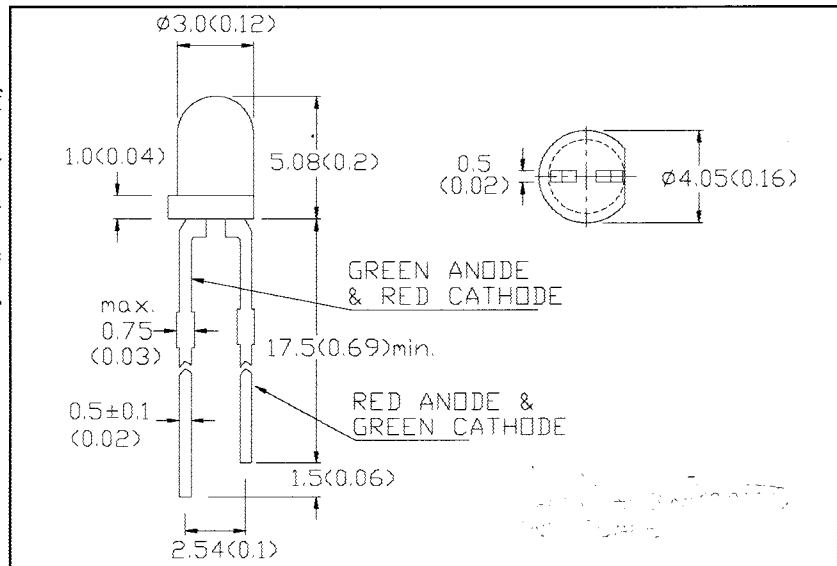
ELECTRONICS

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

Power Dissipation @ Ta=25°C

Forward Current, DC (IF)

Operating Temperature Range

Storage Temperature Range

Lead Soldering Temperature (1/16" from body)

Maximum Soldering Time(≤260°C)

RED

100mW

30mA

GREEN

100mW

30mA

-55 to +55°C

-55 to +100°C

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



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