

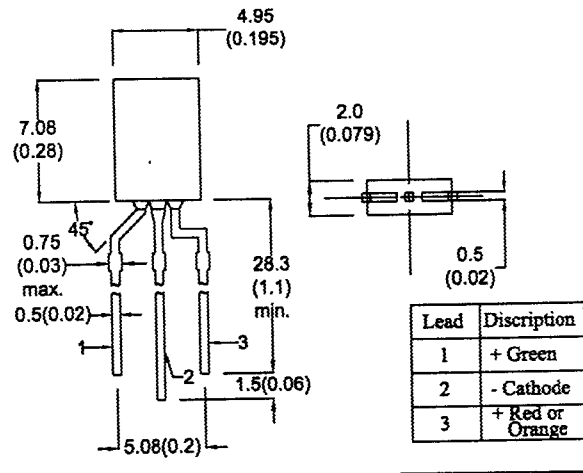
MICRO ELECTRONICS

MYGB64W

YELLOW/GREEN
DUAL COLOR LAMP

DESCRIPTION

A yellow and green lamp made of GaAsP, GaP offering a changing color characteristics dependent on the direction the lamp is biased. These two light emitting diodes are mounted in a rectangular 2mm x 5mm dual color, white diffused lens.



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

ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25°C
 Forward Current, DC (IF)
 Reverse Voltage
 Operating & Storage Temperature Range
 Lead Temperature

YELLOW

60mW
 20mA
 5V

GREEN

100mW
 30mA
 5V

-55 to +100°C
 260°C

ELECTRO-OPTICAL CHARACTERISTICS

(Ta=25°C)

PARAMETER	SYMBOL	YELLOW	GREEN	UNIT	CONDITIONS
Forward Voltage	MAX VF	3.0	3.0	V	IF=20mA
Reverse Breakdown Voltage	MIN BVR	5	5	V	IR=100μA
Luminous Intensity	MIN IV	3	4	mcd	IF=20mA
	TYP	5	8	mcd	IF=20mA
Peak Wavelength	TYP λp	585	570	nm	IF=20mA
Spectral Line Half Width	TYP Δλ	35	30	nm	IF=20mA
Viewing Angle	TYP 2θ 1/2	146	146	degree	IF=20mA



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