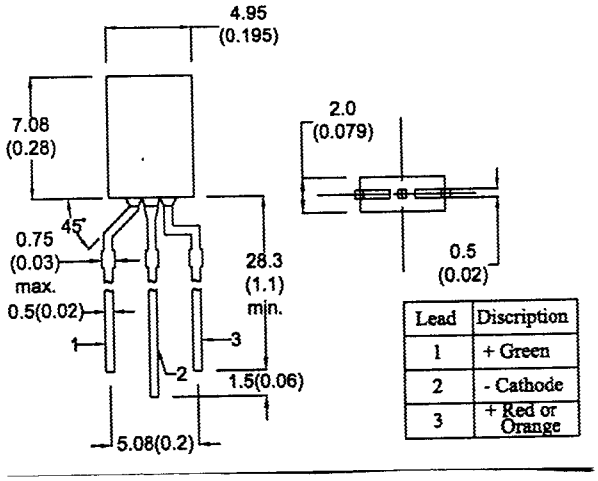
MICRO ELECTRONICS

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.



Lead	Discription
1	+ Green
2	- Cathode
3	+ Red or Orange

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

ABSOLUTE MAXIMUM RATINGS

	YELLOW	GREEN
Power Dissipation @ Ta=25°C	60mW	100mW
Forward Current, DC (IF)	20mA	30mA
Reverse Voltage	5V	5V
Operating & Storage Temperature Range	-55 to +100°C	
Lead Temperature	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	λρ	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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