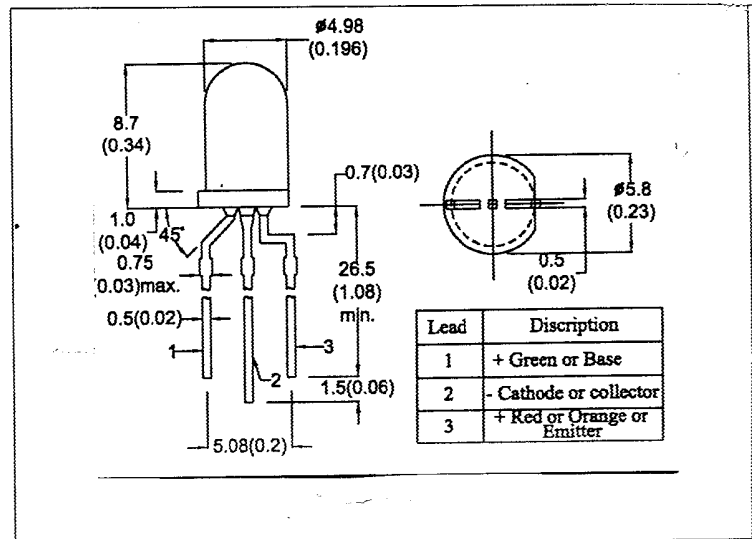


MICRO ELECTRONICS

ULTRA BRIGHT
RED/GREEN
BI-COLOR LAMP

DESCRIPTION

An ultra bright red and green lamp made of AlGaInP, GaP LED chip offering a changing color characteristics. These two light emitting diodes are mounted in 5mm diameter transparent lens.



ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ $T_a=25^\circ\text{C}$
 Forward Current, DC (IF)
 Reverse Voltage
 Operating & Storage Temperature Range
 Lead Soldering Temperature (1/16" from body)

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

	Red	Green
Power Dissipation	100mW	100mW
Forward Current, DC (IF)	40mA	30mA
Reverse Voltage	5V	5V
Operating & Storage Temperature Range	-55 to +100°C	
Lead Soldering Temperature (1/16" from body)	260°C for 5 sec.	

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	RED	GREEN	UNIT	CONDITIONS
Forward Voltage	MAX VF	2.6	3.0	V	IF=20mA
Reverse Breakdown Voltage	MIN BVR	5	5	V	IR=100 μA
Luminous Intensity	MIN IV	250	150	mcd	IF=20mA
	TYP	400	250	mcd	IF=20mA
Peak Wavelength	TYP λp	645	570	nm	IF=20mA
Spectral Line Half Width	TYP Δλ	22	30	nm	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