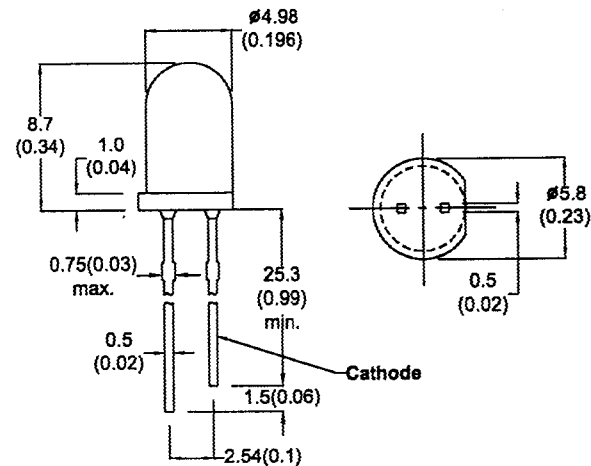


## DESCRIPTION

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



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

## ABSOLUTE MAXIMUM RATINGS

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

	<u>RED</u>	<u>GREEN</u>
Power Dissipation @ $T_a=25^\circ\text{C}$	100mW	100mW
Forward Current, DC (IF)	30mA	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	RED	GREEN	UNIT	CONDITIONS	
Forward Voltage	MAX	VF	2.6	2.6	V	IF=20mA
Reverse Breakdown Voltage	MIN	BVR	5	5	V	IR=100 $\mu$ A
Luminous Intensity	MIN	IV	30	50	mcd	IF=20mA
	TYP		50	70	mcd	IF=20mA
Peak Wavelength	TYP	$\lambda_p$	660	570	nm	IF=20mA
Spectral Line Half Width	TYP	$\Delta\lambda$	35	30	nm	IF=20mA



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