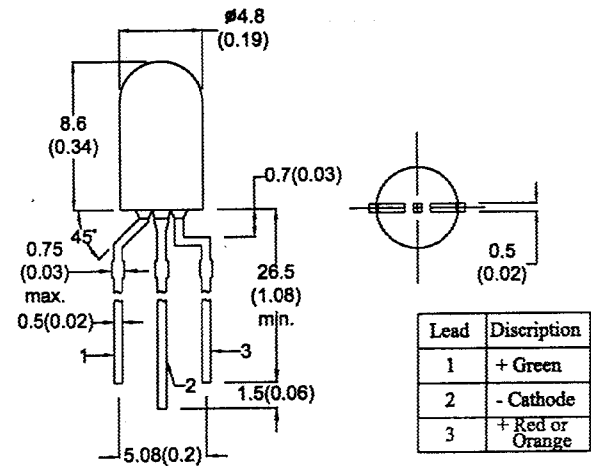


DESCRIPTION

A red and green lamp made of GaAlAs, GaP offering a changing color characteristic dependent on the direction the lamp is biased. These two light emitting diodes are mounted in a $\phi 4.8$ mm dual color, clear transparent 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

	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 Temperature	260°C	

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER		SYMBOL	RED	GREEN	UNIT	CONDITIONS
Forward Voltage	MAX	VF	2.4	3.0	V	IF=20mA
Reverse Breakdown Voltage	MIN	BVR	5	5	V	IR=100 μ A
Luminous Intensity	MIN	IV	180	100	mcd	IF=20mA
	TYP		300	200	mcd	
Peak Wavelength	TYP	λ_p	660	570	nm	IF=20mA
Spectral Line Half Width	TYP	$\Delta\lambda$	20	30	nm	IF=20mA



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