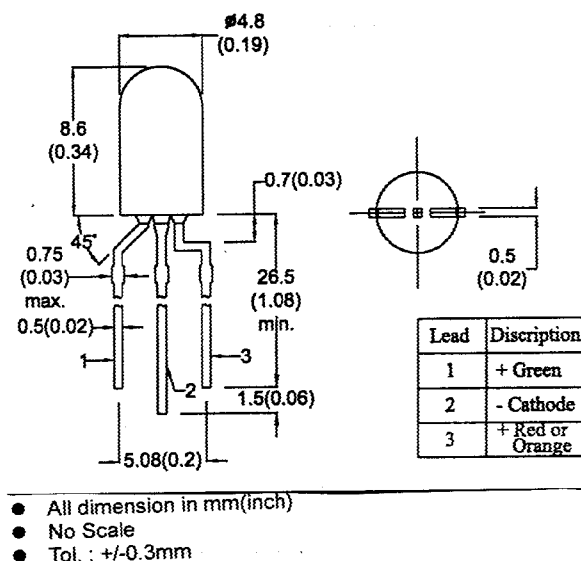


DESCRIPTION

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.



ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ $T_a = 25^\circ\text{C}$

Forward Current, DC (IF)

Reverse Voltage

Operating & Storage Temperature Range

Lead Temperature

RED

100mW

40mA

5V

GREEN

100mW

30mA

5V

-55 to $+100^\circ\text{C}$

260°C

ELECTRO-OPTICAL CHARACTERISTICS

($T_a = 25^\circ\text{C}$)

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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