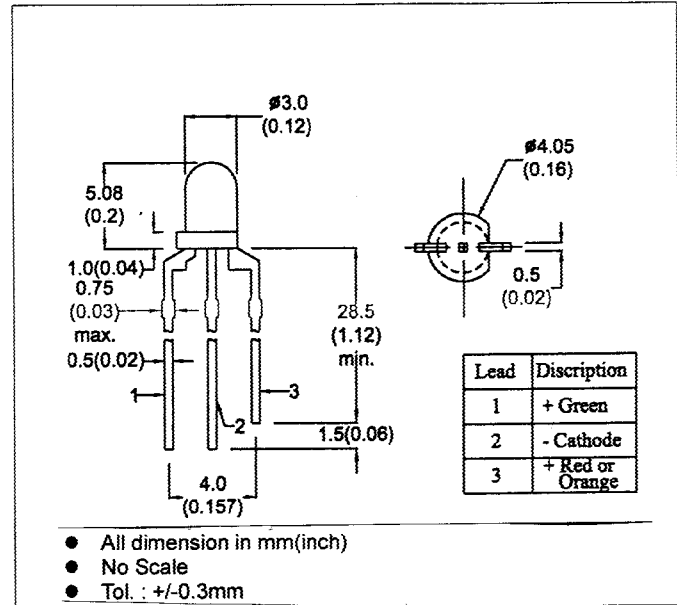


DESCRIPTION

A high efficiency red and yellow lamp made of GaAsP/GaP, GaAsP/GaAs offering a changing color characteristics dependent on the direction the lamp is biased. These two light emitting diodes are mounted in 3mm dual color, white diffused lens.



ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25°C
 Forward Current, DC (IF)
 Reverse Voltage
 Operating & Storage Temperature Range
 Lead Temperature

HIGH EFF. RED

100mW
 30mA
 5V

YELLOW

60mW
 20mA
 5V

-55 to +100°C
 260°C

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	HI-EFF. RED	YELLOW	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	6	6	mcd	IF=20mA
	TYP	12	12	mcd	IF=20mA
Peak Wavelength	TYP λp	650	595	nm	IF=20mA
Spectral Line Half Width	TYP Δλ	35	35	nm	IF=20mA
Viewing Angle	TYP 2θ 1/2	100	100	degree	IF=20mA



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