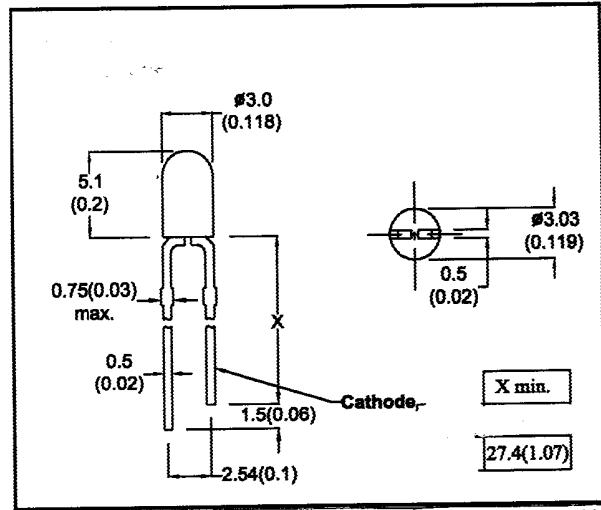


DESCRIPTION

A super 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 3mm diameter flangeless dual color, white diffused lens.



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

ABSOLUTE MAXIMUM RATINGS

	<u>SUPER RED</u>	<u>GREEN</u>
Power Dissipation @ Ta=25°C	95mW	90mW
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	SUPER RED	GREEN	UNIT	CONDITIONS
Forward Voltage	MAX	V_F	2.4	3.0	V	$I_F=20mA$
Reverse Breakdown Voltage	MIN	B_{VR}	5	5	V	$I_R=100\mu A$
Luminous Intensity	MIN	I_V	12	10	mcd	$I_F=20mA$
	TYP		20	20	mcd	$I_F=20mA$
Peak Wavelength	TYP	λ_p	660	570	nm	$I_F=20mA$
Spectral Line Half Width	TYP	$\Delta\lambda$	20	30	nm	$I_F=20mA$
Viewing Angle	TYP	2θ 1/2	30	30	degree	$I_F=20mA$



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