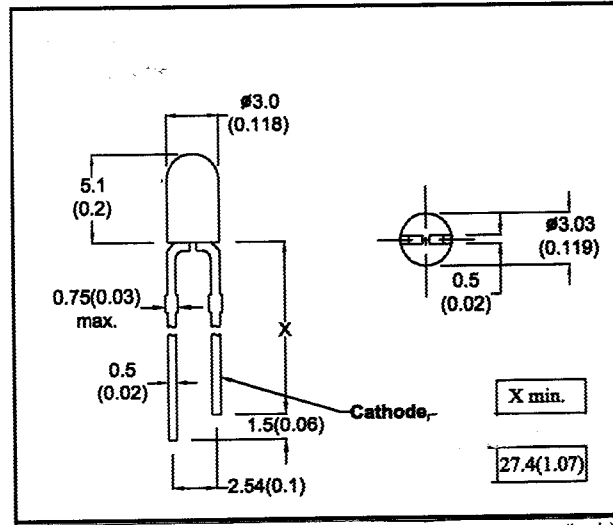


DESCRIPTION

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 =100μA
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 Δλ	20	30	nm	I _F =20mA
Viewing Angle	TYP 2θ 1/2	30	30	degree	I _F =20mA



MICRO ELECTRONICS LTD.

38, Hung To Road, Microtron Building, Kwun Tong, Kowloon, Hong Kong.

Kwun Tong P.O. Box 69477 Hong Kong. Fax No. 2341 0321 Telex:43510 Micro Hx. Tel: 2343 0181-5