

# MICRO ELECTRONICS

**L72CB/  
4SGNWA**

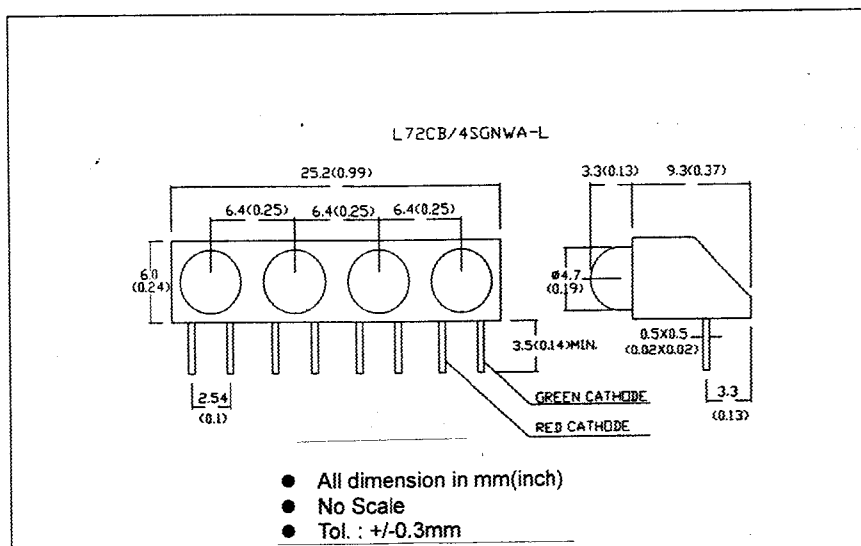
**RIGHT ANGLE  
RED/GREEN COLOR  
FOUR LED LAMPS**

## FEATURES

Ideal for card edge status indication  
Package allows flush seating on a PCB boards

## DESCRIPTION

L72CB/4SGNWA is a right angle four LED unit that incorporates four tinted standard diffused T-1 3/4 LED lamp with red and green color in a black plastic housing.



## ABSOLUTE MAXIMUM RATINGS

Power Dissipation @  $T_a=25^\circ\text{C}$   
Forward Current, DC (IF)  
Reverse Voltage  
Operating & Storage Temperature Range  
Lead Soldering Temperature (1/16" from body)

### GaAlAs Red

40mW  
40mA  
5V

### Green

100mW  
30mA  
5V

-25 to +85°C  
260°C for 5 sec.

## ELECTRO-OPTICAL CHARACTERISTICS

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

PARAMETER		SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	GaAlAs Red	$V_F$			2.4	V	$I_F=20\text{mA}$
	Green				3.0	V	$I_F=20\text{mA}$
Reverse Breakdown Voltage	GaAlAs Red	$BV_R$	5			V	$I_R=100\mu\text{A}$
	Green		5			V	$I_R=100\mu\text{A}$
Luminous Intensity	GaAlAs Red	$I_V$	25	35		mcd	$I_F=20\text{mA}$
	Green		16	25		mcd	$I_F=20\text{mA}$
Peak Wavelength	GaAlAs Red	$\lambda_p$		660		nm	$I_F=20\text{mA}$
	Green			570		nm	$I_F=20\text{mA}$
Spectral Line Half Width	GaAlAs Red	$\Delta\lambda$		20		nm	$I_F=20\text{mA}$
	Green			35		nm	$I_F=20\text{mA}$



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