

MICRO

ELECTRONICS

**L72CB/
4SGNWA**

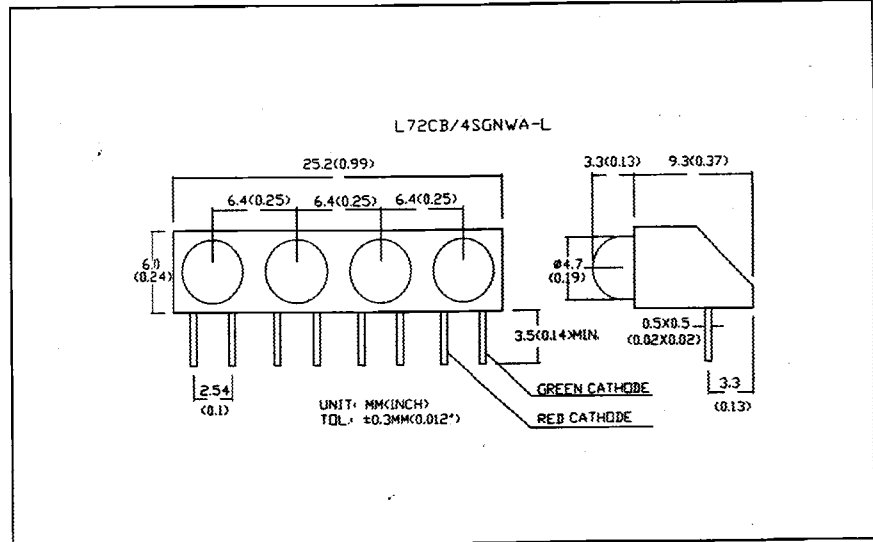
**RIGHT ANGLE
RED/GREEN COLOR
FOUR LED LAMPS**

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 (I_F)
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	λ_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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