MICRO ELECTRONICS

L72CB/1G1YDA
L72CB/1G1YDA-L
L72CB/1G1YDA-2L

RIGHT ANGLE
LED LAMPS

FEATURES

Ideal for card edge status indication
Option for different color LED
Package allows flush seating on a PCB boards

DESCRIPTION

L72CB/1G1YDA series are right angle dual LED unit that incorporates two different color tinted diffused T-1 3/4 LED lamp in a black plastic housing. The green LED lamp is located at left hand side and yellow at the right.

OPTIONS

LED lamp are available in standard red, high efficiency red, GaAlAs ultra-bright red, yellow or green.

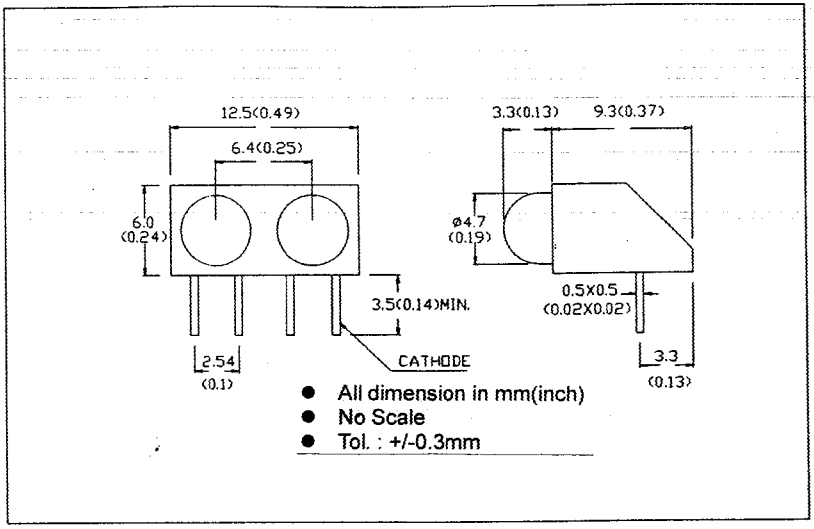
ABSOLUTE MAXIMUM RATINGS	GREEN	YELLOW	UNIT
Power Dissipation @ Ta=25°C	90	60	mW
Forward Current, DC (IF)	30	20	mA
Reverse Voltage	5	5	V
Operating & Storage Temperature Range	-55 to +85		°C
Lead Soldering Temperature (1/16" from body, 5 seconds)	260		°C

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

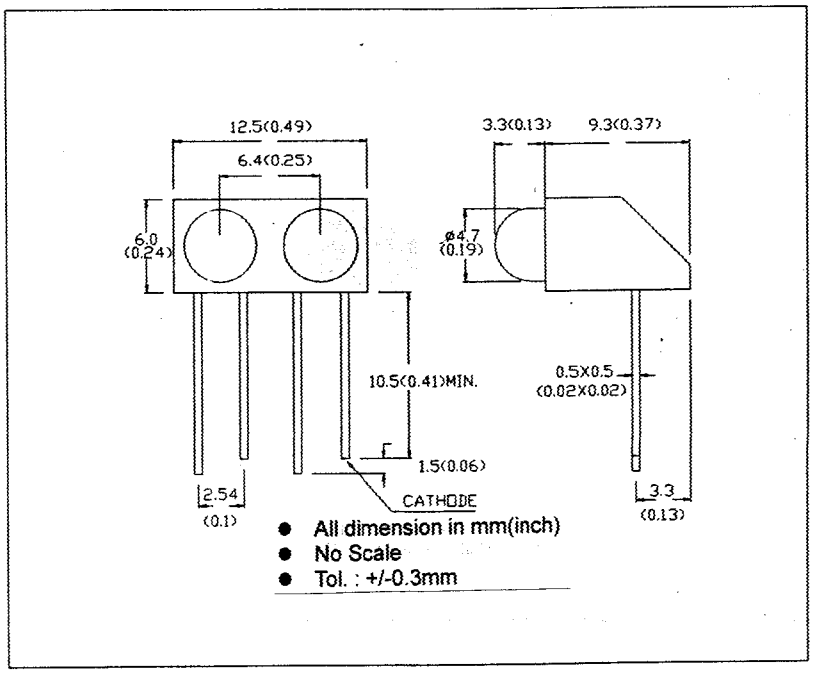
PARAMETER		SYMBOL	GREEN	YELLOW	UNIT	CONDITIONS
Forward Voltage	MAX	V_F	3.0	3.0	V	I_F=20mA
Reverse Breakdown Voltage	MIN	BV_R	5	5	V	I_R=100μA
Luminous Intensity	MIN	I_V	7.0	4.0	mcd	I_F=20mA
	TYP		10	6.0	mcd	I_F=20mA
Peak Wavelength	TYP	$\lambda\rho$	570	585	nm	I_F=20mA
Spectral Line Half Width	TYP	$\Delta\lambda$	30	35	nm	I_F=20mA

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