

FEATURES

- Ideal for card edge status indication
- Option for different color LED
- Package allows flush seating on a PC Boards

DESCRIPTION

L72CB/1XXB series are right angle LED lamp that incorporates one tinted 4.8mm diameter high efficiency LED lamp in a black plastic housing.

OPTIONS

Part No. L72CB/	LED Lens Color		Source Color
	Color	Diffusion	
1SDB	Red	Diffused	Standard Red
1IDB	Orange	Diffused	High Efficiency Red
1STB2	Nil	Transparent	Ultra-Bright Red
1YDB	Yellow	Diffused	Yellow
1GDB	Green	Diffused	Green

ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25°C

Forward Current, DC (IF)

Reverse Voltage

Operating & Storage Temperature Range

Lead Temperature (Soldering, 5 sec., 1/16" from body)

1SDB

40mW

15mA

5V

1IDB

100mW

30mA

5V

1STB2

100mW

30mA

5V

1YDB

60mW

20mA

5V

1GDB

100mW

30mA

5V

-55 to +100°C

260°C

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	1SDB	1IDB	1STB2	1YDB	1GDB	UNIT	CONDITIONS
Forward Voltage MAX	VF	3.0	3.0	3.0	3.0	3.0	V	IF=20mA
Reverse Breakdown Voltage MIN	BVR	5	5	5	5	5	V	IR=100uA
Luminous Intensity MIN	IV	1.5	12	-	12	2.5	mcd	IF=20mA
		-	-	5	-	-	mcd	IF=2mA
Peak Wavelength TYP	λ_p	700	630	660	585	570	nm	IF=20mA
Spectral Line Half Width TYP	$\Delta\lambda$	100	40	20	35	35	nm	IF=20mA

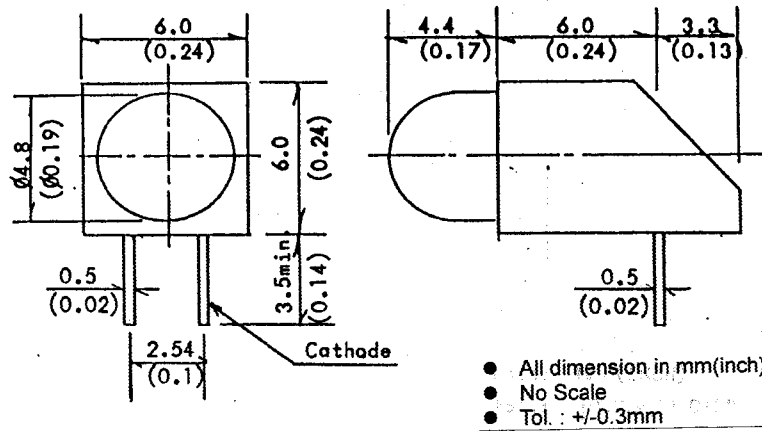


MICRO ELECTRONICS LTD. 美科有限公司

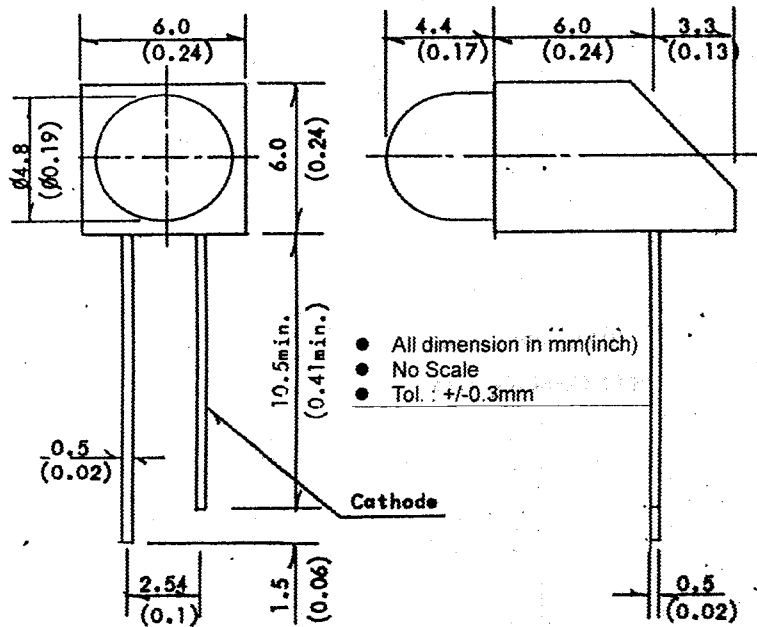
38, Hung To Road, Microtron Building, Kwun Tong, Kowloon, Hong Kong.

Kwun Tong P.O. Box 69477 Hong Kong. Fax No. 341 0321 Telex: 43510 Micro Hx. Tel: 343 0181-5

L72CB/1XXB



L72CB/1XXB-L



L72CB/1XXB-2L

