

# MICRO

MOB36CA  
MSB36C  
MYB36CA

ULTRA HIGH BRIGHTNESS  
GREEN LED LAMP

## DESCRIPTION

This series of solid state indicators are 3mm diameter low profile lamps.

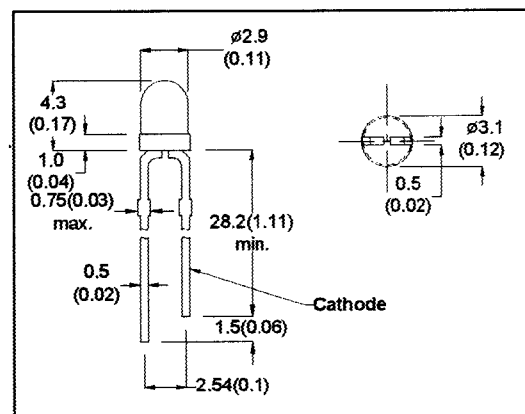
MGB36CA is green LED with a green transparent lens.

MOB36CA is orange LED with an orange transparent lens.

MOB36CRA is orange LED with an red transparent lens.

MSB36C is red LED with a red transparent lens.

MYB36CA is yellow LED with a yellow transparent lens.



All Dimension in mm (inch)

No Scale

Tol: +/- 0.3mm

## ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25

Forward Current, DC (IF)

Reverse Voltage

Operating & Storage Temperature Range

Lead Soldering Temperature (1/16" from body)

MSB36C

45mW

15mA

5V

MYB36CA

60mW

20mA

5V

-50 to +100

260 for 5 sec.

MGB36CA

MOB36CA

MOB36CRA

90mW

30mA

5V

## ELECTRO-OPTICAL CHARACTERISTICS (Ta=25 )

PARAMETER	SYMBOL	MGB36CA	MOB36CA	MOB36CR	MSB34C	MYB36CA	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=100 A
Luminous Intensity	MIN IV	70	50	50	4.0*	40	mcd	IF=20mA
	TYP	120	70	70	6.0*	60	mcd	
Peak Wavelength	TYP λp	570	630	640	700	585	nm	IF=20mA
Spectral Line Half Width	TYP Δλ	30	40	40	100	35	nm	IF=20mA
Viewing Angle	TYP 2θ 1/2	44	44	44	44	44	degree	IF=20mA

\*IF=10mA

Rev A



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