

T-3¹/₄ MINIATURE LAMP WITH LENS

High Intensity, Wide Angle - For Small - Medium Lens Applications

- Fresnel Lens; Bayonet or Screw Base

1 Model ^[1]	
MB403	Bayonet
MS403	Screw

TO ORDER, FOLLOW THE EXAMPLE:

Select one **BOLD** component from each SHADED column in the tables below.

1 Model	2 LED	3 Voltage	4 Lens	5 Bi-Polar
MB403	-R	28	-CR	

→Part Number **MB403-R28-CR**

2 LED	Color	λ_{pk} (nm)	I_v ^[2] (mcd)	V/C Table ^[3]
-R	RED	634	2180	I
-A	AMB	592	2180	I
-G	GRN	520	2400	II
-B	BLU	465	700	II
-W	WHT		1560	II

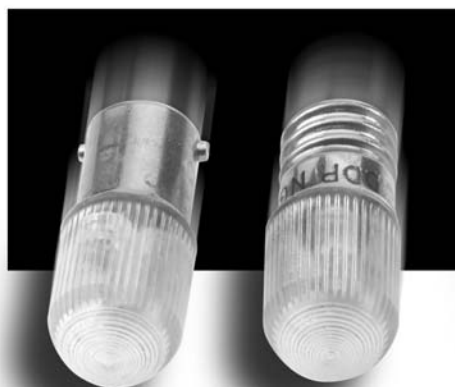
Voltage/Current	
Design Vf/I _f	Max Vf/I _f
V/C Table I	
5V/22mA	5.5V/28mA
6V/21mA	7V/27mA
12V/20mA	14V/25mA
15V/24mA	16.5V/28mA
24V/17mA	26V/20mA
28V/16.5mA	30V/18mA
48V/15mA	50V/16mA
60V/9mA	65V/10mA
120VAC/3.5mA	130VAC/4mA

3 Voltage ^[4]
5
6
12
15
24
28
48
60
120

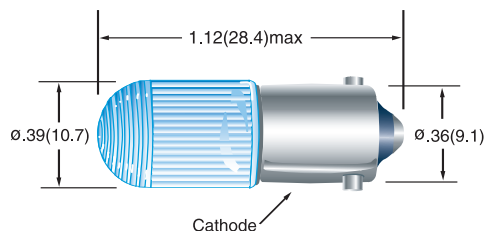
Voltage/Current	
Design Vf/I _f	Max Vf/I _f
V/C Table II	
5V/15mA	5.5V/23mA
6V/15mA	7V/25mA
12V/15mA	14V/20mA
15V/15mA	16.5V/18mA
24V/15mA	26V/18mA
28V/15mA	30V/17mA
48V/9.5mA	50V/10mA
60V/7mA	65V/8mA
120VAC/3.5mA	130VAC/4mA

4	Lens	
	-CR	Red
	-CA	Amber
	-CG	Green
	-CB	Blue
	-CW	Water Clear

5	Bi-Polar
	-BP
	Optional

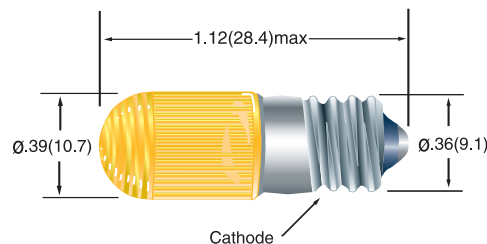


MB403



Available with Center Cathode

MS403



Available with Center Cathode

[1] MB403 and MS403 are center anode. Insert C after Model for center cathode (e.g. MB403C).

[2] I_v = typical luminous intensity @ I_f = 20mA (T_a = 25°C). Luminous intensity is measured without the lens. (*2) = 2 LEDs per package.

[3] See Voltage/Current table for design specifications.

[4] T_a = 25°C. Voltages 5 through 60 are VDC. For AC operation, insert AC after Voltage (e.g. 24AC), not required for 120V. Contact factory for VAC design currents. For 120VDC insert DC after Voltage (e.g. 120DC).

All dimensions are in inches (mm)

Tolerances: .xx"(.x) ±.025"(.63) / .xxx"(.xx) ±.010"(.25)
Specifications are subject to change without notice.

Mouser Electronics

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VCC:

[MB403-A120-CW-BP](#) [MB403-A15-CA](#) [MB403-A28AC-CA](#) [MB403-A48-CW-BP](#) [MB403-A60-CW-BP](#) [MB403-A6AC-CA](#) [MB403-A6AC-CW](#) [MB403-B120-CW-BP](#) [MB403-B12-CW-BP](#) [MB403-B15-CB](#) [MB403-B6AC-CW](#) [MB403-G120-CG-BP](#) [MB403-G120-CW-BP](#) [MB403-G15-CG](#) [MB403-G24-CW-BP](#) [MB403-G48-CW-BP](#) [MB403-G6AC-CW](#) [MB403-R120-CW-BP](#) [MB403-R12-CR](#) [MB403-R15-CR](#) [MB403-R15-CR-BP](#) [MB403-R24-CW-BP](#) [MB403-R6AC-CR](#) [MB403-R6AC-CW](#) [MB403-W120-CW-BP](#) [MB403-W12-CW-BP](#) [MB403-W24-CW-BP](#) [MB403-W28-CW-BP](#) [MB403-W5-CW](#) [MB403-W60-CW-BP](#) [MB403-W6AC-CW](#)