

TYPICAL SWITCH ORDERING EXAMPLE

MB25

11

J

W

01

A

Poles & Circuits			
11	SPDT	ON	(ON)
21	DPDT	ON	(ON)
() = Momentary			

Contact Materials & Ratings	
W	Silver Rated 3A @ 125V AC
G	Gold Rated 0.4VA max @ 28V AC/DC max

Cap & Cap Colors	
A	Black
B	White
C	Red
E	Yellow
F	Green
G	Blue
H	Gray

Mounting Frame	
J	Snap-in Frame

Terminals	
01	Solder Lug

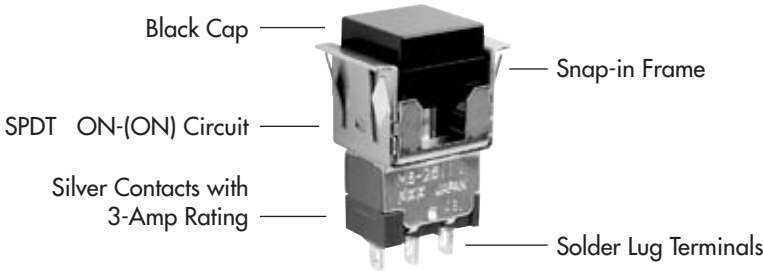
IMPORTANT:



Switches are supplied without UL, cULus & CSA marking unless specified.
UL, cULus & CSA recognized only when ordered with marking on the switch.
Specific models, ratings, & ordering instructions are noted on the General Specifications page.

DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

MB2511JW01-A



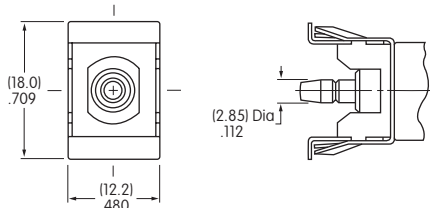
POLES & CIRCUITS

Pole	Model	Plunger Position () = Momentary		Connected Terminals		Throw & Switch Schematics
		Normal	Down	Normal	Down	
SP	MB2511	ON	(ON)	3-1	3-2	SPDT Note: Terminal numbers are not actually on the switch.
DP	MB2521	ON	(ON)	3-1 6-4	3-2 6-5	DPDT

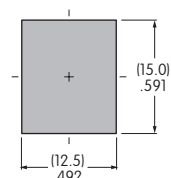
MOUNTING FRAME

J

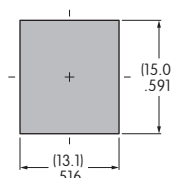
Snap-in Frame



Panel Cutout for
Single Pole
without Bezel



Panel Cutout for
Double Pole
without Bezel



Panel Thickness without Bezel: .039" ~ .157" (1.0mm ~ 4.0mm)
Panel Thickness with Bezel: .039" ~ .126" (1.0mm ~ 3.2mm)

CONTACT MATERIALS & RATINGS

W

Silver over Silver

Power Level

3A @ 125V AC

G

Gold over Brass or Copper

Logic Level

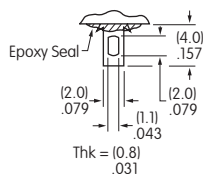
0.4VA maximum @ 28V AC/DC maximum

Note: Complete explanation of operating range in Supplement section.

TERMINALS

01

Solder Lug

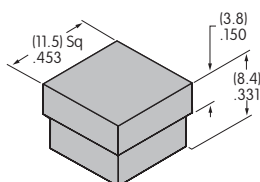


CAP & CAP COLORS

AT465

.453" (11.5mm) Square Cap

Material: Polycarbonate
Finish: Glossy



Contact factory for matte finish.

Cap Colors
Available:

A

Black

B

White

C

Red

E

Yellow

F

Green

G

Blue

H

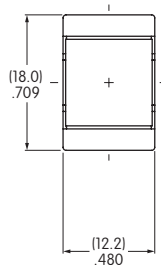
Gray

TYPICAL SWITCH DIMENSIONS

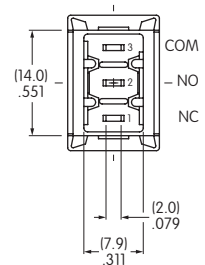
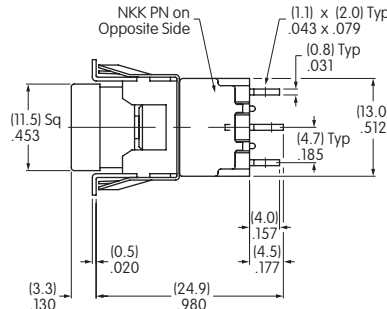
Solder Lug



MB2511JW01-A



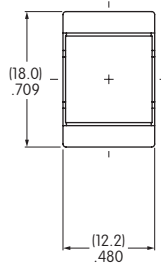
Single Pole



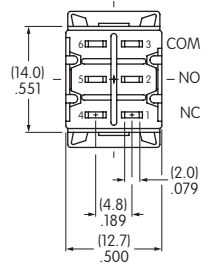
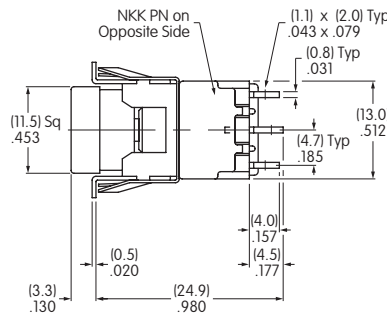
Solder Lug



MB2521JW01-C



Double Pole



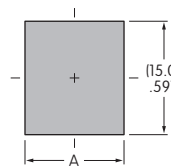
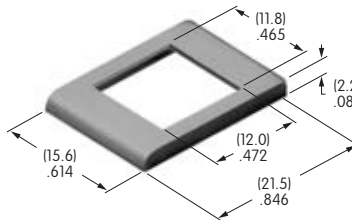
OPTIONAL SNAP-IN BEZELS & BEZEL COLORS

AT207 Bezel

Material: Polycarbonate
Finish: Glossy

Colors:
Black, White, Red, Yellow,
Green, Blue, Gray

Contact factory for matte finish.



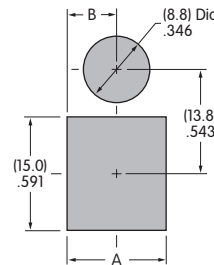
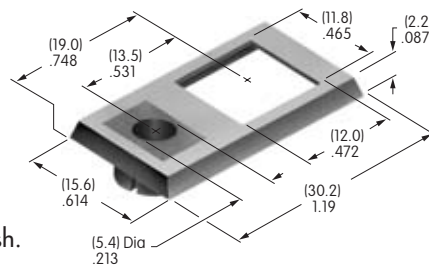
	Single Pole	Double Pole
A	(12.5mm) .492"	(13.1mm) .516"

AT208 Bezel for AT070 LED

Material: Polycarbonate
Finish: Glossy

Color: Black

Contact factory for matte finish.

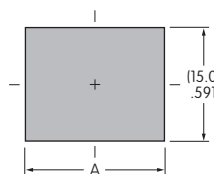
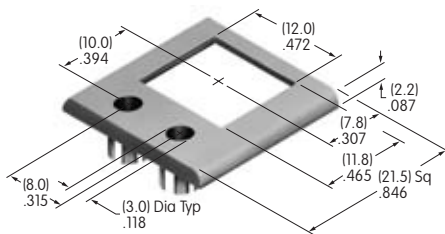


	Single Pole	Double Pole
A	(12.5mm) .492"	(13.1mm) .516"
B	(6.25mm) .246"	(6.55mm) .258"

AT212 Bezel for AT617 LED

Material: Polycarbonate
Finish: Semi-glossy

Color: Black



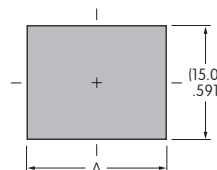
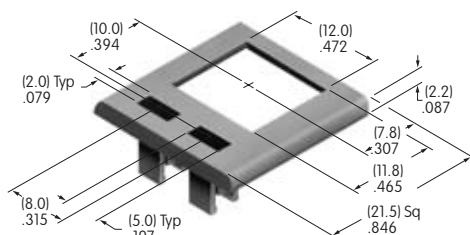
	Single Pole	Double Pole
A	(18.4mm) .724"	(18.7mm) .736"

OPTIONAL SNAP-IN BEZELS & BEZEL COLORS

AT213 Bezel for AT618 LED

Material:
Polycarbonate
Finish:
Semi-glossy

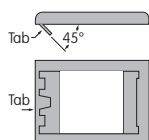
Color:
Black



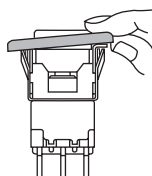
	Single Pole	Double Pole
A	(18.4mm) .724"	(18.7mm) .736"

Bezel Assembly

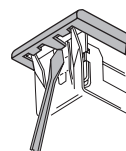
1. Pry out
tab on
bezel to a
45° angle.



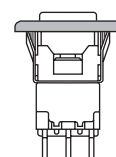
2. Insert
switch frame
under tab
and snap on
the bezel.



3. Push
tab back
into place.



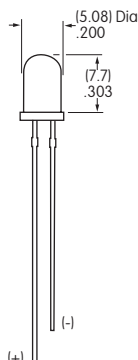
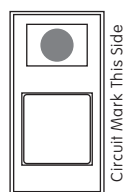
4. Snap
assembled
bezel and
switch into
panel.



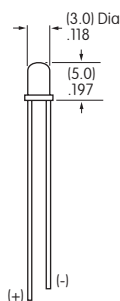
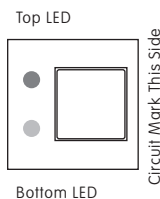
LED COLORS & SPECIFICATIONS

Bezel Orientation on Switch

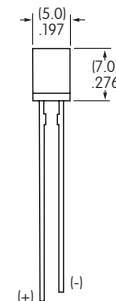
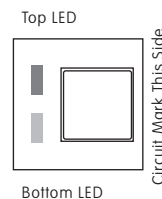
AT070 LED For Bezel AT208 with 1 LED



AT617 LED For Bezel AT212 with 2 Round LEDs



AT618 LED For Bezel AT213 with 2 Rectangular LEDs



Note: Lead lengths may differ from manufacturing lot to lot. The longer lead is the anode (+).

		AT070		AT617			AT618		
		C	F	C	E	F	C	E	F
	Color	Red	Green	Red	Yellow	Green	Red	Yellow	Green
Maximum Forward Current	I_{FM}	25mA	50mA	30mA	30mA	25mA	25mA	30mA	25mA
Typical Forward Current	I_F	20mA	30mA	20mA	20mA	20mA	20mA	20mA	20mA
Forward Voltage	V_F	2.8V	2.1V	2.0V	2.1V	2.2V	2.25V	2.1V	2.2V
Maximum Reverse Voltage	V_{RM}	4V	5V	5V	5V	5V	5V	5V	5V
Current Reduction Rate Above 25°C	ΔI_F	0.33 mA/°C	0.40 mA/°C	0.40 mA/°C	0.40 mA/°C	0.33 mA/°C	0.33 mA/°C	0.40 mA/°C	0.33 mA/°C
Ambient Temperature Range (when used with a bezel)		-10° ~ +70°C		-15° ~ +70°C			-25° ~ +70°C		

The electrical specifications shown are determined at a basic temperature of 25°C.
LED circuit is independent of switch operation. LED is colored in OFF state.

If the source voltage is greater than the rated voltage of the LED, a ballast resistor must be connected in series with the LED.
The ballast resistor calculation and more lamp detail are shown in the Supplement section.

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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