TYPICAL SWITCH ORDERING EXAMPLE

MB 2011 S B1 W 01 — D A

Poles & Circuits

2011	SPDT	ON	(ON)
2065	SPDT	ON	ON
2061	DPDT	ON	(ON)
2085	DPDT	ON	ON
2181	4PDT	ON	(ON)
2185	4PDT	ON	ON

( ) = Momentary

Plunger Type

S	Plunger for Screw-on Caps

Bushings

B1	.472″ (12.0mm) Threaded with Keyway
B3	.472″ (12.0mm) Threaded w/Splashproof

Contact Materials & Ratings

W	Silver Rated 6A @ 125V AC & 3A @ 250V AC
G	Gold Rated 0.4VA max @ 28V AC/DC max

Terminals

01	Solder Lug*
02	Quick Connect
03	.250″ (6.35mm) Straight PC
05	.425″ (10.8mm) Wirewrap
06	.750″ (19.05mm) Wirewrap
07	.964″ (24.5mm) Wirewrap
08	1.062″ (27.0mm) Wirewrap

Caps

B	.315″ (8.0mm) Diameter
C	.394″ (10.0mm) Diameter
D	.520″ (13.2mm) Diameter
E	.748″ (19.0mm) Diameter

Cap Colors

A	Black
B	White
C	Red
***D**	Amber
***E**	Yellow
F	Green
***G**	Blue
***H**	Gray

* Not available with cap code E

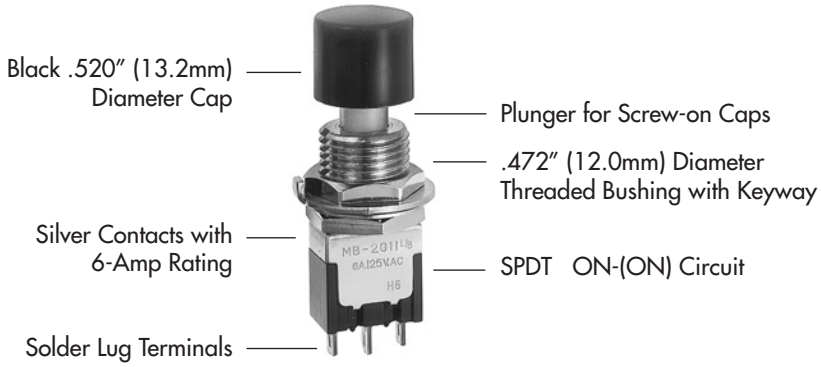
* Wire harness & cable assemblies offered only in Americas

IMPORTANT:

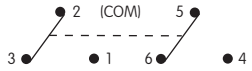
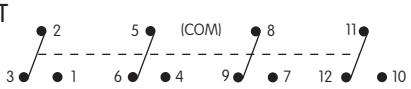
Switches are supplied without UL, cULus & CSA marking unless specified. **UL, cULus & CSA recognized only when ordered with marking on the switch.** Specific models, ratings, & ordering instructions are noted on General Specifications page.

DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

MB2011SB1W01-DA



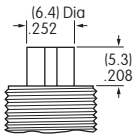
POLES & CIRCUITS

Pole	Model	Plunger Position ( ) = Momentary: Normal (Keyway)	Plunger Position ( ) = Momentary: Down	Connected Terminals: Normal (Keyway)	Connected Terminals: Down	Throw & Switch Schematics
SP	**MB2011** **MB2065**	ON ON	(ON) ON	2-3	2-1	SPDT
DP	**MB2061** **MB2085**	ON ON	(ON) ON	2-3 5-6	2-1 5-4	DPDT 
4P	**MB2181** **MB2185**	ON ON	(ON) ON	2-3 5-6 8-9 11-12	2-1 5-4 8-7 11-10	4PDT 

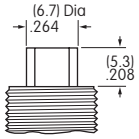
Note: Terminal numbers are not actually on the switch.

PLUNGER TYPE

S **Plunger for Screw-on Caps**
Plunger is plastic for B1 bushing.



Plunger is metal for B3 bushing.

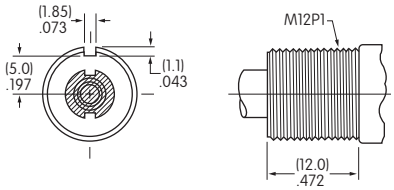


On alternate action models, after transferring circuit, the plunger returns to its original position, and does not latch down.

BUSHINGS

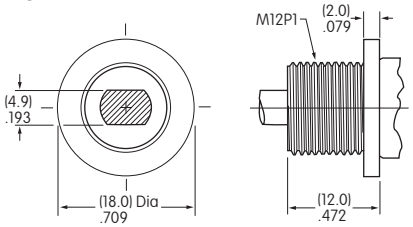
B1 **.472" (12.0mm) Diameter Threaded with Keyway**

Maximum Panel Thickness with Standard Hardware: .217" (5.5mm)



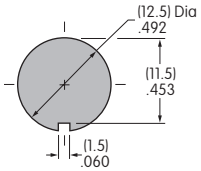
B3 **.472" (12.0mm) Diameter Threaded Splashproof**

Maximum Panel Thickness with Standard Hardware: .217" (5.5mm)

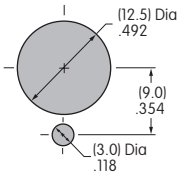


Panel Cutouts

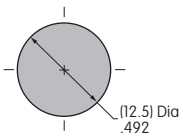
For B1 Bushing with Keyway



For B1 Bushing with Locking Ring



For B3 Bushing without Keyway



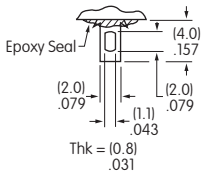
CONTACT MATERIALS & RATINGS

W	**Silver over Silver**	**Power Level**	**6A @ 125V AC & 3A @ 250V AC**
G	**Gold over Brass or Copper**	**Logic Level**	**0.4VA maximum @ 28V AC/DC maximum**

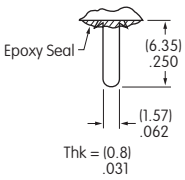
Note: Complete explanation of operating range in Supplement section.

TERMINALS

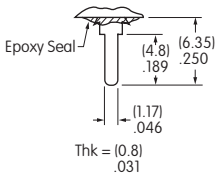
01 **Solder Lug**

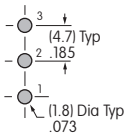


02 **.062" (1.57mm) Wide Quick Connect**

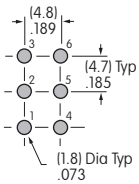


03 **.250" (6.35mm) Straight PC**

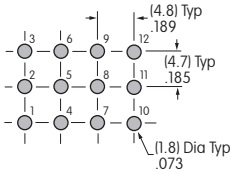




Single Pole



Double Pole



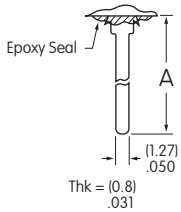
Four Pole

05 **.425" (10.8mm) Wirewrap or Extended PC**

06 **.750" (19.05mm) Wirewrap or Extended PC**

07 **.964" (24.5mm) Wirewrap or Extended PC**

08 **1.062" (27.0mm) Wirewrap or Extended PC**



If using as extended PC terminal, refer to the above footprints.

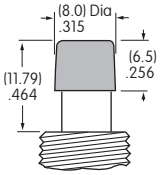
Dimension A = terminal lengths as shown beside the terminal codes at the left.

CAPS & CAP COLORS

B **AT078 .315" (8.0mm) Diameter Screw-on Cap**

Material: Polystyrene
Finish: Glossy

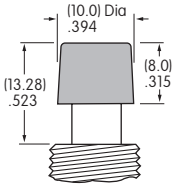
Colors Available:
A B C E F G H



C **AT079 .394" (10.0mm) Diameter Screw-on Cap**

Material: Polystyrene
Finish: Glossy

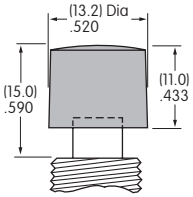
Colors Available:
A B C E F G H



D **AT414 .520" (13.2mm) Diameter Screw-on Cap**

Material: PBT
Finish: Glossy

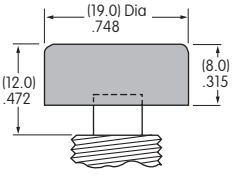
Colors Available:
A B C D E F G H



E **AT412 .748" (19.0mm) Diameter Screw-on Cap**

Material: Polystyrene
Finish: Glossy

Colors Available:
A B C F

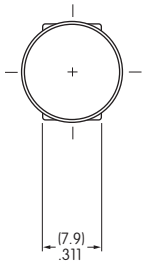


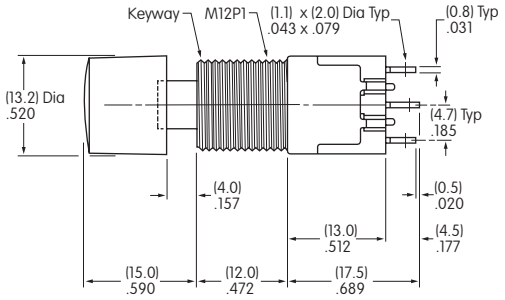
Cap Color Codes: **A** Black **B** White **C** Red **D** Amber **E** Yellow **F** Green **G** Blue **H** Gray

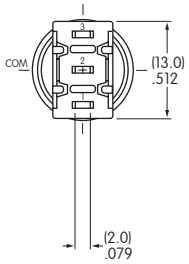
TYPICAL SWITCH DIMENSIONS

Solder Lug

Single Pole



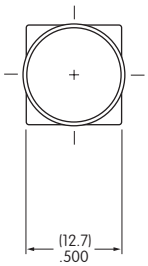


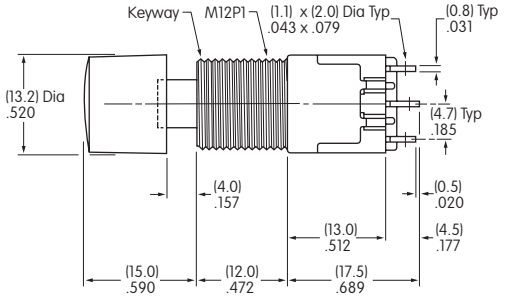


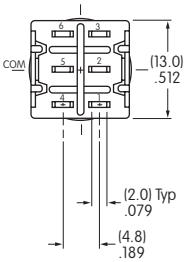
MB2011SB1W01-DA

Solder Lug

Double Pole



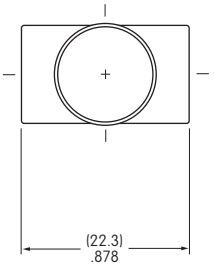


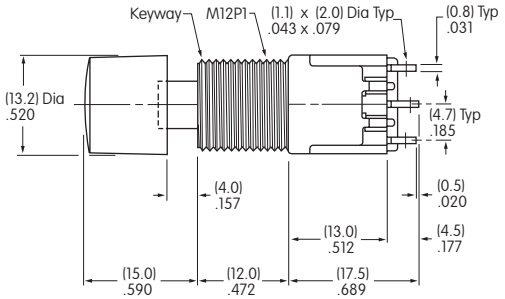


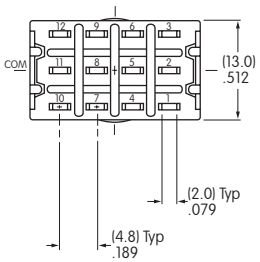
MB2061SB1W01-DA

Solder Lug

Four Pole







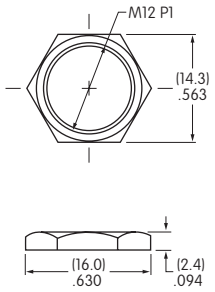
MB2181SB1W01-DA

HARDWARE

Standard Hardware for B1 Bushing

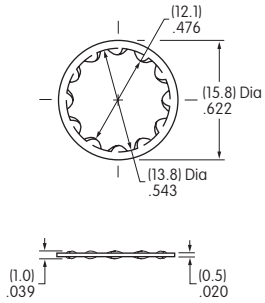
AT503M
Hex Face Nut

Material:
Brass with Chrome plating



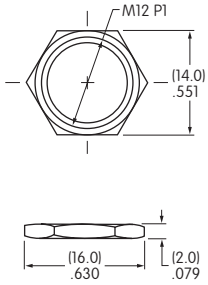
AT508
Lockwasher

Material:
Steel with Zinc/Chromate



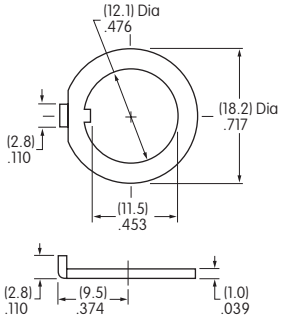
AT527M
Hex Nut

Material:
Steel with Nickel plating



AT506M
Locking Ring

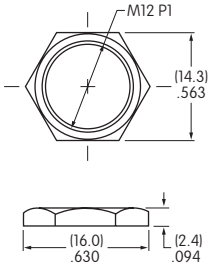
Material:
Steel with Zinc/Chromate



Standard Hardware for B3 Bushing

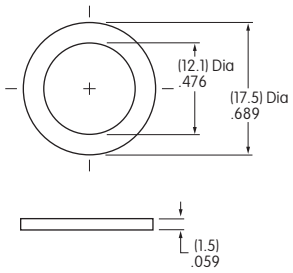
AT503M
Hex Face Nut

Material:
Brass with Chrome plating



AT401P
O-ring

Material:
Nitrile butadiene rubber

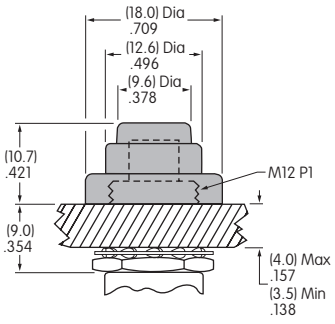


Optional Splashproof Boot for B1 Bushing

AT4043
Splashproof Boot

Material: Silicone Rubber
Operating Life: 10,000 for momentary
30,000 for alternate action

When using a splashproof boot, no cap is required.



CUSTOM ASSEMBLY ORDERING EXAMPLE

The MB2000 pushbutton series offers flexibility to accommodate a variety of applications. Using a basic large bushing model, different accessories can be assembled onto the switch to achieve the mounting variations shown on the following two pages.

These switches have:
- 12mm diameter threaded bushing with keyway
- Silver contacts
- 6-Amp rating
- Solder lug terminals

Other 12mm bushing options can be used; see details in preceding Large Bushing Ordering tables.

MB2011 SB1W01 — 4 C — A

Poles & Circuits			
2011	SPDT	ON	(ON)
2065	SPDT	ON	ON
2061	DPDT	ON	(ON)
2085	DPDT	ON	ON
4-pole available			
( ) = Momentary			

Mounter Shapes For Shroud	
4	Round
5	Rectangular

Cap Colors For Shroud	
A	Black
B	White
C	Red
F	Green
G	Blue
H	Gray

Cap Colors For Snap-In	
A	Black
B	White
C	Red
F	Green

Mounter Colors For Shroud	
A	Black
B	White
H	Gray

Round Shroud
MB2011SB1W01-4C-A

Rectangular Shroud
MB2011SB1W01-5C-A

See custom assemblies on following pages.

MOUNTER SHAPES FOR SHROUDS

4 **AT455 Round**

Material: Polycarbonate

Colors: A B H

5 **AT453 Rectangular**

Material: Polycarbonate

Colors: A B H

CAPS & CAP COLORS FOR SHROUDS

AT454 Round Insert Cap

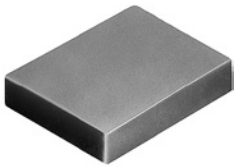
Material: Polycarbonate

Colors: A B C F G H

AT452 Rectangular Insert Cap

Material: Polycarbonate

Colors: A B C F G H



AT080 Screw Adaptor for Insert Caps

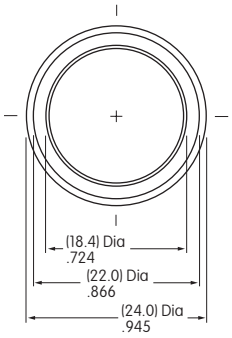
Material: Brass

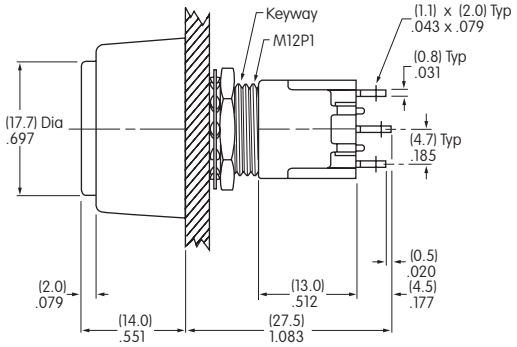
Color Codes:

A Black B White C Red F Green G Blue H Gray

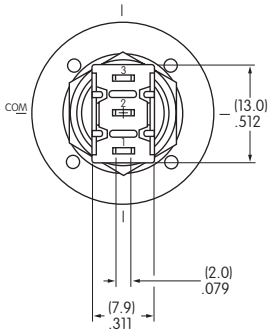
CUSTOM ASSEMBLY WITH ROUND SHROUD

MB2011SB1W01-4C-A

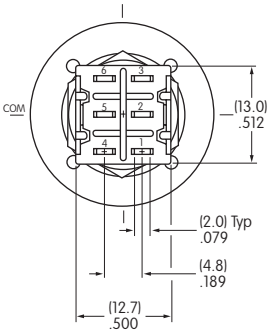


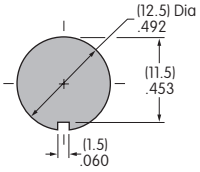


Single Pole



Double Pole

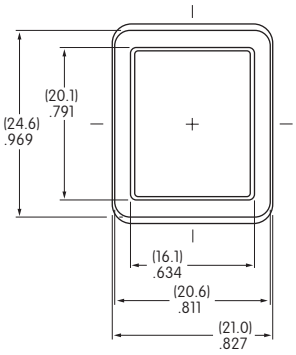


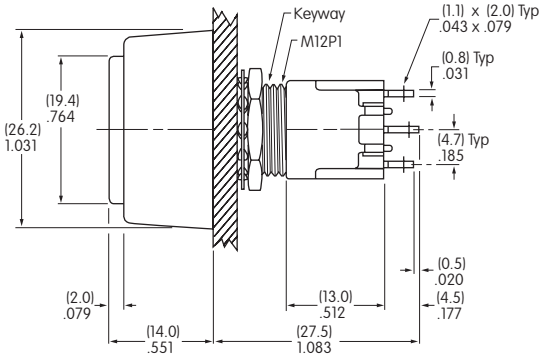


Effective Panel Thickness:
.217″ (5.5mm) maximum

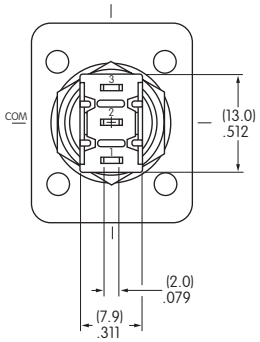
CUSTOM ASSEMBLY WITH RECTANGULAR SHROUD

MB2011SB1W01-5C-A

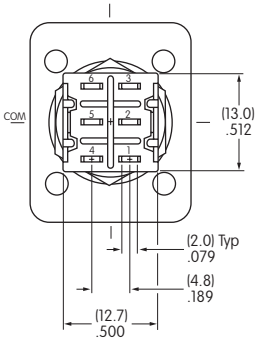


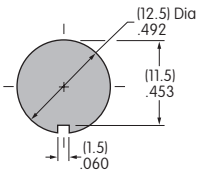


Single Pole



Double Pole





Effective Panel Thickness:
.217″ (5.5mm) maximum