



PRODUKTINFORMATION

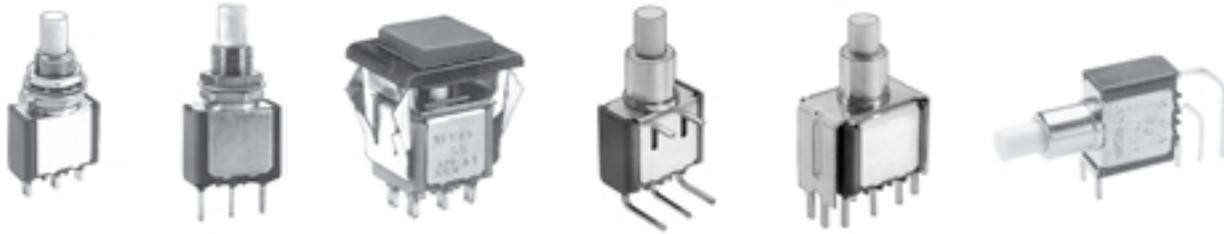
Vi reserverar oss mot fel samt förbehåller oss rätten till ändringar utan föregående meddelande

ELFA artikelnr

35-756-02	Tryckströmst. 1-pol 18535	18535AD
35-756-28	Tryckströmst. 1-pol 18545	18545AD
35-756-69	Metall krage	U1636
35-756-77	Topp svart	U1142
35-756-85	Topp röd	U1146
35-758-00	Tryckströmst. 1 pol 18835	18835AD
35-758-26	Tryckströmst. 1 pol 18845	18845AD
35-758-67	Topp svart	U912
35-758-75	Topp röd	U1202

18000 SERIES - MINIATURE SNAP-ACTION MOMENTARY PUSHBUTTON SWITCHES

C



FEATURES

- Single pole-double throw & double pole-double throw models with ON-MOM ON action.
- Epoxy terminal sealing standard.
- Panel and p.c. mounting models with compact miniature case size.

SPECIFICATIONS

Contact ratings (resistive loads):	Gold plated brass: 100 mA at 30 VDC Gold plated silver: 1A at 120VAC or 30VDC
Initial contact resistance:	50 milliohms maximum
Insulation resistance:	1000 megohms minimum
Dielectric strength:	1000 V rms minimum
Electrical life:	60,000 cycles minimum at full load.
Operating temperature range:	-30°C to +65°C
Total travel:	.019" (0.5mm)

MATERIALS

Contacts & Terminals:	Gold plated brass or gold plated silver
Actuator:	Polyamide, glass filled
Bushing:	Nickel plated brass
Housing:	Stainless steel
Case:	Diallyl phthalate
Bracket:	Tin plated steel
Terminal seal:	Epoxy
Hardware:	1/4" threaded bushing models supplied with 2 Hex Nuts .314" (8mm) across flats, 1 Locking Ring & 1 Lockwasher. See hardware section of catalog.

ABOUT THIS SERIES

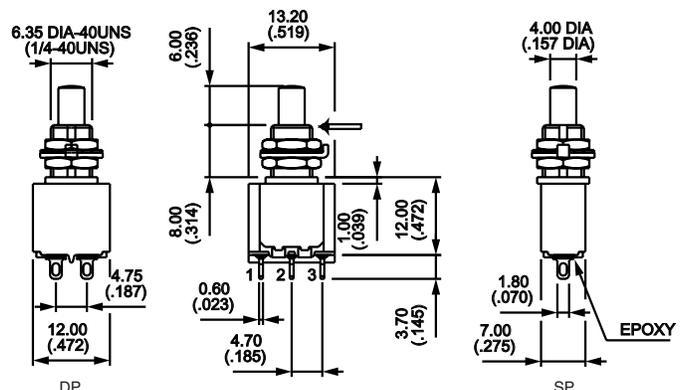
The material is organized in the following sequence:
 a. completely specified switch models.
 b. 'Build your own switch' order format.
 c. Options & miscellaneous

Solder lug terminals - 1/4" (6.35mm) bushing - gold plated silver contacts



SINGLE POLE		CIRCUIT	
MODEL NO.	18535AD	ON	MOM
DOUBLE POLE		CIRCUIT	
MODEL NO.	18545AD	ON	MOM
Handle position:			
Terms. connected:	1-3	1-2	
	4-6	4-5	

→ Keyway



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

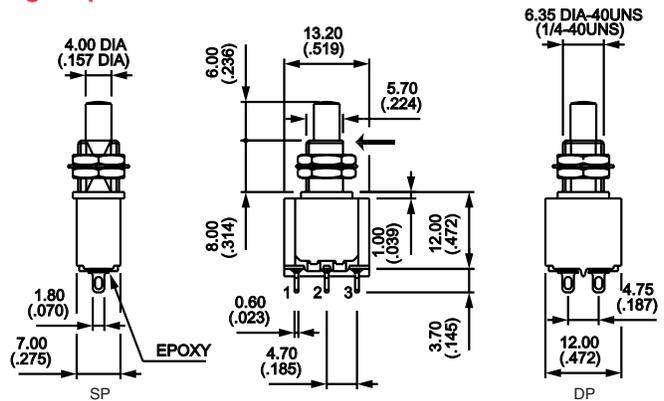
18000 SERIES - MINIATURE SNAP-ACTION MOMENTARY PUSHBUTTON SWITCHES

Solder lug terminals - 1/4" (6.35mm) flatted bushing - gold plated silver contacts



SINGLE POLE MODEL NO.	CIRCUIT	
18735AD	ON	MOM
DOUBLE POLE MODEL NO.	CIRCUIT	
18745AD	ON	MOM
Handle position:		
Terms. connected:	1-3 4-6	1-2 4-5

→ 'D' flat

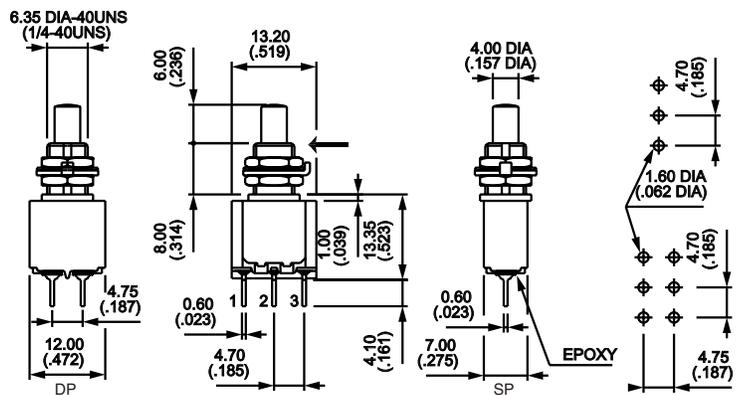


Straight p.c. terminals - 1/4" (6.35mm) bushing - gold plated silver contacts



SINGLE POLE MODEL NO.	CIRCUIT	
18235AD	ON	MOM
DOUBLE POLE MODEL NO.	CIRCUIT	
18245AD	ON	MOM
Handle position:		
Terms. connected:	1-3 4-6	1-2 4-5

→ Keyway

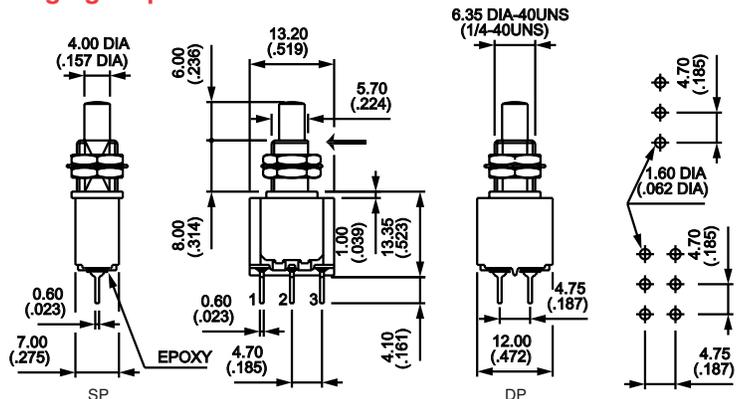


Straight p.c. terminals - 1/4" (6.35mm) flatted bushing - gold plated silver contacts



SINGLE POLE MODEL NO.	CIRCUIT	
18935AD	ON	MOM
DOUBLE POLE MODEL NO.	CIRCUIT	
18945AD	ON	MOM
Handle position:		
Terms. connected:	1-3 4-6	1-2 4-5

→ 'D' flat

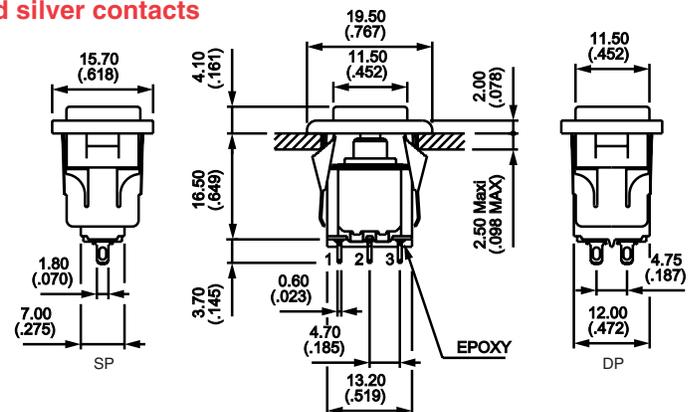


Solder lug terminals - snap-in mounting - gold plated silver contacts



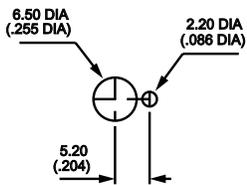
SINGLE POLE MODEL NO.	CIRCUIT	
18835AD+U912+U1202	ON	MOM
DOUBLE POLE MODEL NO.	CIRCUIT	
18845AD+U912+U1202	ON	MOM
Handle position:		
Terms. connected:	1-3 4-6	1-2 4-5

Above models have back bezel & cap

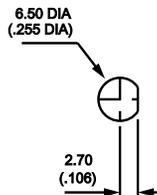


18000 SERIES - MINIATURE SNAP-ACTION MOMENTARY PUSHBUTTON SWITCHES

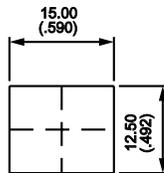
PANEL CUT-OUTS for models shown above



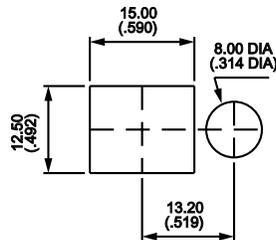
1/4" (6.35mm) bushing



1/4" (6.35mm) flatted bush.



Bezel U1200

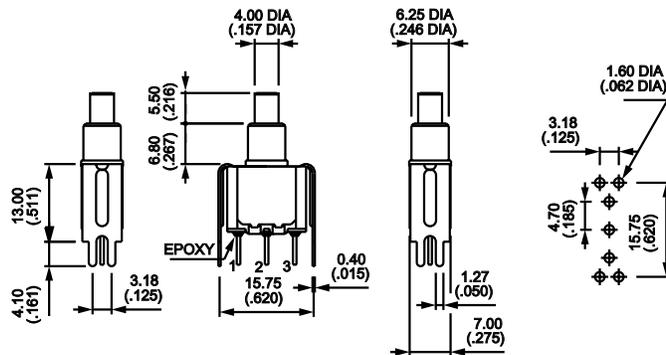


Bezel U1210 w/LED

Single pole - straight p.c. terminals - bracket mounting - gold plated brass contacts



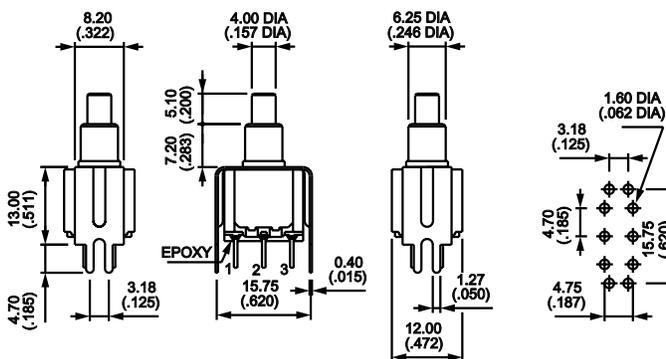
SINGLE POLE	CIRCUIT	
MODEL NO.	ON	MOM
18235YCD3	ON	MOM
Handle position:		
Terms. connected:	1-3	1-2



Double pole - straight p.c. terminals - bracket mounting - gold plated brass contacts



DOUBLE POLE	CIRCUIT	
MODEL NO.	ON	MOM
18245YCD3	ON	MOM
Handle position:		
Terms. connected:	1-3 4-6	1-2 4-5

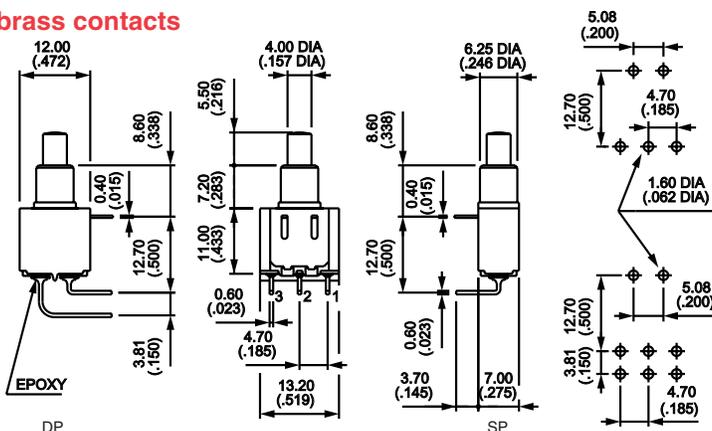


Horizontal right angle p.c. terminals - gold plated brass contacts



SINGLE POLE	CIRCUIT	
MODEL NO.	ON	MOM
18235WCD3	ON	MOM
Handle position:		
Terms. connected:	1-3	1-2

DOUBLE POLE	CIRCUIT	
MODEL NO.	ON	MOM
18245WCD3	ON	MOM
Handle position:		
Terms. connected:	1-3 4-6	1-2 4-5



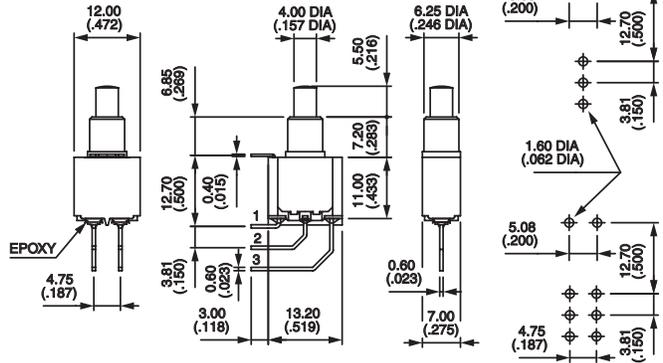
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

18000 SERIES - MINIATURE SNAP-ACTION MOMENTARY PUSHBUTTON SWITCHES

Vertical right angle p.c. terminals - gold plated brass contacts



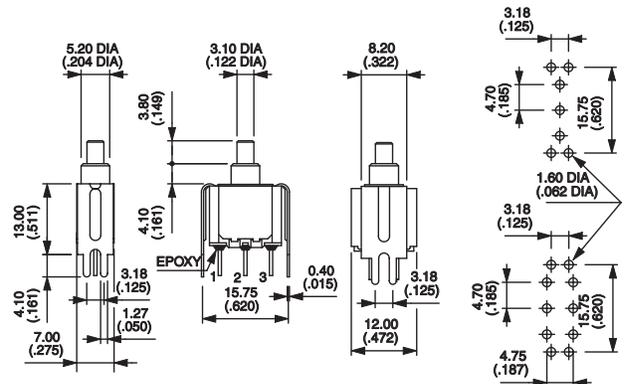
SINGLE POLE		CIRCUIT	
MODEL NO.	18235WWCD3	ON	MOM
DOUBLE POLE		CIRCUIT	
MODEL NO.	18245WWCD3	ON	MOM
Handle position:			
Terms. connected:	1-3 4-6	1-2 4-5	



Special option X624 - straight p.c. terminals - short bushing & actuator - gold plated brass contacts



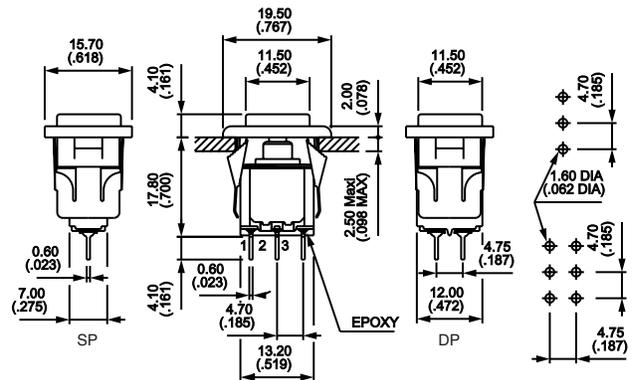
SINGLE POLE		CIRCUIT	
MODEL NO.	18235YCD2X624	ON	MOM
DOUBLE POLE		CIRCUIT	
MODEL NO.	18245YCD2X624	ON	MOM
Handle position:			
Terms. connected:	1-3 4-6	1-2 4-5	



Special option X662 - straight p.c. terminals - snap-in mounting - gold plated brass contacts

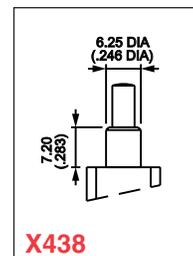
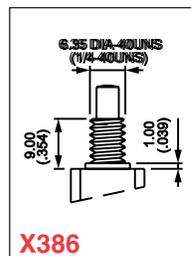
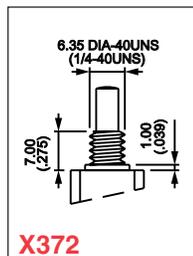
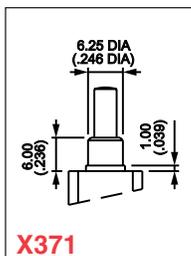


SINGLE POLE		CIRCUIT	
MODEL NO.	18835CDX662+U910+U1200	ON	MOM
DOUBLE POLE		CIRCUIT	
MODEL NO.	18845CDX662+U910+U1200	ON	MOM
Handle position:			
Terms. connected:	1-3 4-6	1-2 4-5	



SPECIAL OPTIONS

- F** Tin plated terminals (for p.c. terminals only).
- X371** .246" (6.25mm) smooth bushing in place of standard threaded bushing.
- X372** Short 1/4" (6.35mm) threaded bushing, .274" (7mm) long.
- X386** 1/4" (6.35mm) threaded bushing in place of smooth bushing on models with W, WW & Y options.
- X438** .246" (6.25mm) smooth bushing without shoulder, .283" (7.2mm) long.



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Additional ordering information: Commonly ordered models are shown above with complete model numbers and specifications. Below is an order format that enables you to 'build your own switch' and specify the correct switch model number by simply selecting from all available options shown and filling in the boxes.

'BUILD YOUR OWN SWITCH' ORDER FORMAT

Fill in boxes with selections shown for **Model Structure**, then add **Options** selections for complete model number. (Allowable options are shown under each respective box).

Note: 'NONE' indicates box may be left empty.

Model Structure:

Series	Terminals & bushings	Number of poles	Electrical function	Terminals
1	8		5	
	2 Straight p.c. terminals with 1/4" (6.35mm) threaded bushing. Straight p.c. terms. + bracket or right angle p.c. terms. with smooth bushing 5 Solder lug terminals with 1/4" (6.35mm) threaded bushing 7 Solder lug terminals with 1/4" (6.35mm) flatted bushing 8 Solder lug terminals, snap-in mounting 9 Straight p.c. terminals with 1/4" (6.35mm) flatted bushing	3 Single pole 4 Double pole	ON - MOM	(NONE) Solder lug or straight p.c. W Horizontal right angle p.c. W W Vertical right angle p.c. Y Bracket mounting

Example of completely specified model number: **18245AD**

Caps available separately - see option drawings.

Options:

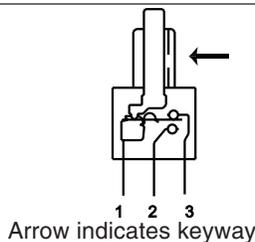
Contact materials	Actuators	Special options
<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
A D Silver, gold plated C D Brass, gold plated	(NONE) .157" (4mm) dia. x .236" (6mm) long (standard) with threaded bushing 6 .122" (3.1mm) dia. x .230" (5.85mm) with threaded bushing 3 .157" (4mm) dia. x .216" (5.5mm) long (standard) with smooth bushing 5 .122" (3.1mm) dia. x .248" (6.3mm) long	(NONE) F Tin plated terminals- for p.c. terms. only X 6 2 4 Shorter bushing & actuator X 6 6 2 Snap-in mounting & straight p.c. terminals Others listed - see Special Option page

Although most combinations of options are available, some may result in incompatibilities. Consult factory if there is any question.

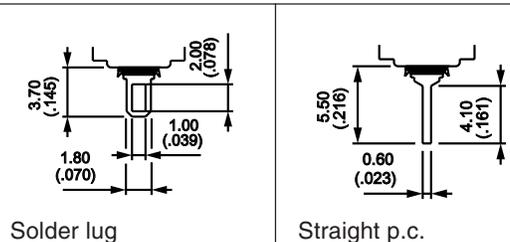
ACTUATOR OPTIONS

<p>(NONE) Standard with threaded bushing</p>	<p>6 Standard with threaded bushing</p>	<p>3 Standard with smooth bushing</p>			
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SWITCH ACTION



TERMINALS

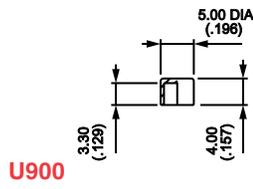


18000 SERIES - MINIATURE SNAP-ACTION MOMENTARY PUSHBUTTON SWITCHES

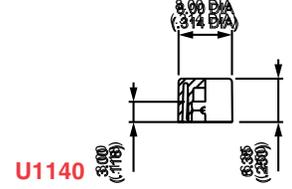
CAPS

FOR .157" (4mm) DIA. ACTUATORS (13 & 3)

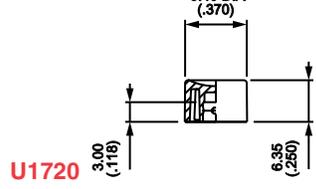
Note: replace last '0' in p/n with color code.



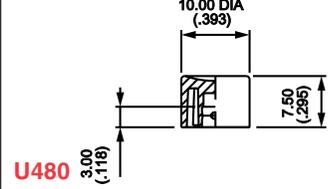
U900



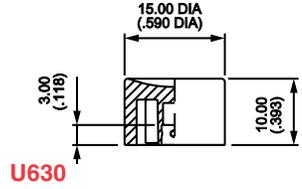
U1140



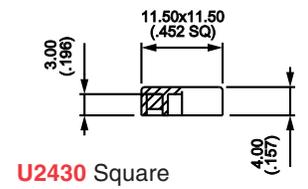
U1720



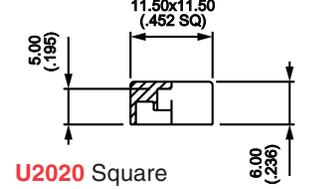
U480



U630



U2430 Square

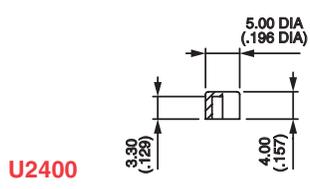


U2020 Square

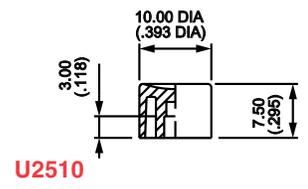
Colors	
1	blue
2	black
3	green
4	grey
5	yellow
6	red
7	ivory
7/1	white
9	orange

FOR .122" (3.1mm) DIA. ACTUATORS (5 & 6)

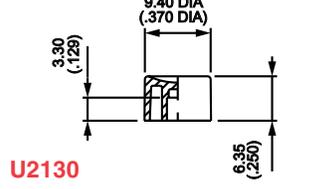
Note: replace last '0' in p/n with color code.



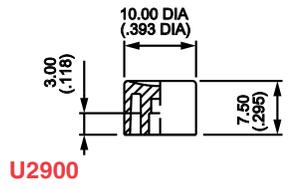
U2400



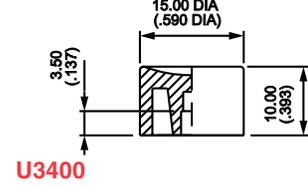
U2510



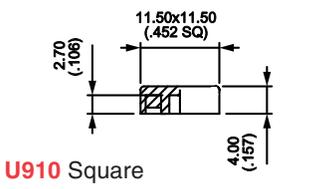
U2130



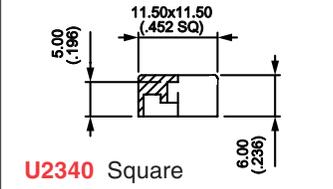
U2900



U3400



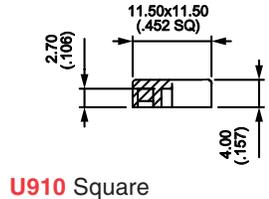
U910 Square



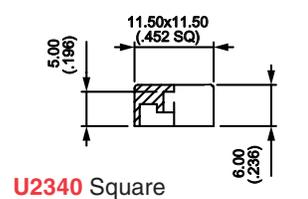
U2340 Square

FOR 188.. & 188..X662 MODELS

Note: replace '0' in p/n with color code.



U910 Square

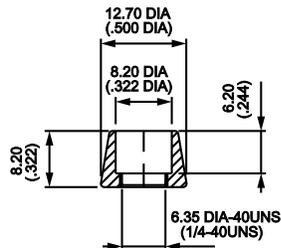


U2340 Square

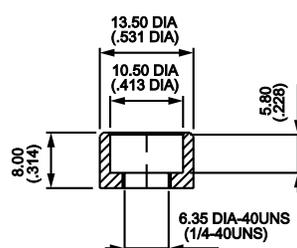
DRESS NUTS

Chrome plated

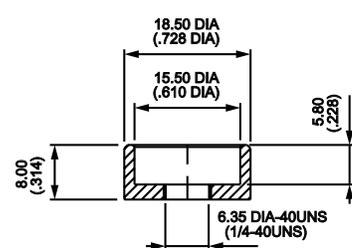
For models with threaded bushings (182., 185., 187., & 189..) (Order separately)



U1636 For caps U1140 & U2510



U840 For caps U480 & U2900



U825 For caps U630 & U3400

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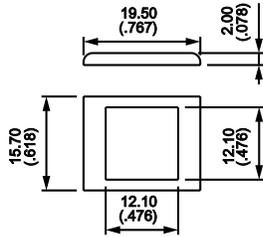
C

18000 SERIES - MINIATURE SNAP-ACTION MOMENTARY PUSHBUTTON SWITCHES

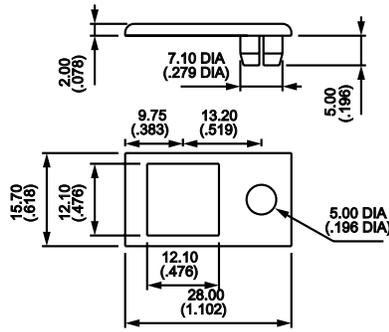
BEZELS Note: replace last '0' in p/n with color code

For snap-in models (188.. & 188..X662)

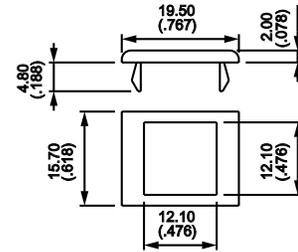
For bracket mtg. models (182..Y & 182..YX624)



U1200



U1210 For LED (not supplied)



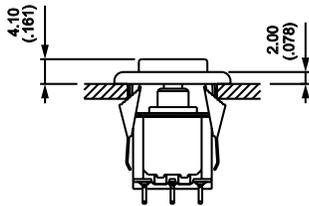
U3200

Colors

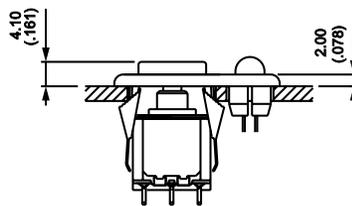
- | | |
|-----|--------|
| 1 | blue |
| 2 | black |
| 3 | green |
| 4 | grey |
| 5 | yellow |
| 6 | red |
| 7 | ivory |
| 7/1 | white |
| 9 | orange |

STANDARD PANEL MOUNTING FOR BEZELS

Panel thicknesses: .039" (1mm) to .098" (2.5mm)



188.. + U910 + U1200



188.. + U910 + U1210

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