

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Features/Benefits

- Multi-pole and multi-position
- Wide variety of actuator and termination options
- Epoxy terminal-seal compatible with bottom wash cleaning
- RoHS complaint models available

Typical Applications

- **Telecommunications**
- Instrumentation
- Medical equipment





Specifications

CONTACT RATING: B contact material: 0.4 VA max. @ 20 V AC or DC max. Q contact material: 5 AMPS @ 120 V AC or 28 V DC; 2 AMPS @ 250 V AC. See page F-15 for additional ratings.

ELECTRICAL LIFE: 7X01 and UX1 models: 100,000 make-and-break cycles at full load. All other models: 40,000 cycles.

CONTACT RESISTANCE: Below 10 m Ω typ. initial @ 2-4 V DC, 100 mA, for both silver and gold plated contacts. INSULATION RESISTANCE: $10^9 \Omega$ min.

DIELECTRIC STRENGTH: 1000 Vrms min. @ sea level.

OPERATING TEMPERATURE: -30°C to 85°C

SOLDERABILITY: Per MIL-STD-202F method 208D, or EIA RS-186E method 9 (1 hour steam aging).

For materials see page F-4.

NOTE: Any models supplied with P, S R, Q, B or G contact material are RoHS compliant and compatible.

NOTE: Specifications listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center

Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages F-4 thru F-16. For additional options not shown in catalog, consult our Customer Service Center.

Switch Function 7101 SP On-None-On 7103 SP On-Off-On 7105 SP Mom.-Off-Mom. 7107 SP On-Off-Mom. 7108 SP On-None-Mom. 7109 SP None-On-Mom. **7201** DP On-None-On **7203** DP On-Off-On 7205 DP Mom.-Off-Mom. 7207 DP On-Off-Mom. 7208 DP On-None-Mom. 7211 DP On-On-On 7213 DP On-On-Mom. 7215 DP Mom.-On-Mom.

7301 3P On-None-On 7303 3P On-Off-On 7305 3P Mom.-Off-Mom. 7308 3P On-None-Mom. 7401 4P On-None-On 7403 4P On-Off-On 7405 4P Mom.-Off-Mom. 7408 4P On-None-Mom. 7411 4P On-On-On

7415 4P Mom.-On-Mom. Note: UL models available, see pages F-4 & F-5.

7413 4P On-On-Mom.

Actuator .200" high .450" high

Flatted, anti-rotation, .420" high .687" high, 15/32 bushing K2 Locking lever, .704" high K9 Locking lever, .704" high K12 Locking lever, .732" high K19 Locking lever, .732" high .840" high .640" high L1P Anti-rotation, .640" high

.550" high L2P Anti-rotation, .550" high L3 Plastic .940" inch L40 Lever handle without cap

L41 .531" high lever handle with cap L42 .838" high lever handle with cap MP Anti-rotation, .200" high

P1 Flatted, anti-rotation, .840" high Flatted, anti-rotation, .250" high

Anti-rotation, .420" high .487" high, 15/32 bushing T1P Anti-rotation, .487" high, 15/32 bushing

T2P Flatted, anti-rotation, .610" high, 15/32 bushing, Anti-rotation, .687" high, 15/32 bushing

Bushing -

D .280 high, keyway .296 high, flat .350 high, keyway NONE No bushing

choice required CW Splashproof

.280" high, flat **D8** .280" high, keyway НЗ .315" high, keyway **H4** 8mm high, keyway

.378" high, keyway 8.9mm high, keyway .378" high, flat **Y9** .350" high, keyway

Terminations

Right angle, PC thru-hole AV2 Vert. right angle, PC thru-hole PC Thru-hole

V3 .460 high, V-bracket Solder lug

Right angle, PC thru-hole **A2** Right angle, PC thru-hole Right angle, PC thru-hole **A4**

AW1 Right angle, extended, PC thru-hole AW4 Right angle, extended, PC thru-hole .555" high, V-bracket

.630" high, V-bracket **V**4 V6 .460" high, V-bracket **V7** .630" high, V-bracket .953" high, V-bracket

V9 V21 .555" high, snap-in V-bracket .460" high, snap-in V-bracket .630" high, snap-in V-bracket V71 .630" high, snap-in V-bracket

.750" long, wire wrap 1.150" high, V-bracket W1 .964" long, wire wrap W3 .425" long, wire wrap W4 1.062" long, wire wrap W5 1.305" long, wire wrap V81 .953" high, snap-in V-bracket Z3 Quick connect

Contact Material

B Gold Seal Gold, matte-tin E Fnoxy Silver

Epoxy potted Silver, matte-tin Gold over silver

Gold over silver, matte-tin

Actuator Color/Finish

NONE Bright chrome

Black Red

Satin chrome

KXX Actuator Color/Finish

NONE Natural aluminum

Black anodized aluminum Red anodized aluminum

Blue anodized aluminum

Bushing Finish NONE Nickel on all

bushings (except D8, satin chrome) 2 Black







Materials

CASE: Glass filled nylon 6/6, flame retardant, heat stabilized, or diallyl phthalate (DAP) (UL 94V-0).

ACTUATOR: Brass, chrome plated. BUSHING: Brass or zinc, nickel plated.

HOUSING: Stainless steel.

SWITCH SUPPORT: Brass or steel, tin plated.

END CONTACTS: B contact material: Copper alloy, with gold plate over nickel plate. Q contact material: Coin silver, silver plated. See page F-15 for additional contact materials.

CENTER CONTACTS & ALL TERMINALS: B contact material: Copper alloy, with gold plate over nickel plate. Q contact material: Copper alloy, silver plated. See above for additional contact materials.

TERMINAL SEAL: Epoxy.

HARDWARE: Nut & Locking Ring: Brass, nickel plated.

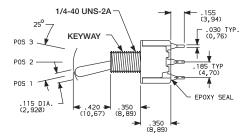
Lockwasher: Steel, nickel plated.

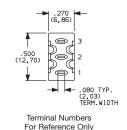
NOTE: Materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.



			SWITCH FUNCTION			CONNECTED TERMINALS			
			POS. 1	POS. 2	POS. 3	POS. 1	POS. 2	POS. 3	
		UL**	KEYWAY 7	KEYWAY 7	KEYWAY 7	KEYWAY 7	KEYWAY 7	KEYWAY 7	
NO. POLES	MODEL NO.	MODEL NO.							SCHEMATIC
	7101	U11	ON	NONE	ON	2-3	N/A	2-1	
	7103	U13	ON	OFF	ON				
SP	7105	U15	мом.	OFF	MOM.	2-3	OPEN	2-1	● 2 (COMM)
SP	7107	U17	ON	OFF	MOM.				1 ● 🕶 3
	7108	U18	ON	NONE	MOM.	2-3	N/A	2-1	
	7109	U19	NONE	ON	мом.	N/A	2-3	2-1	SPDT

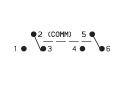
SPDT



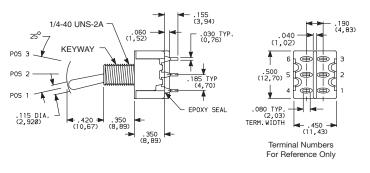


Part number shown: 7101SYZBE

	7201	U21	ON	NONE	ON	2-3,5-6	N/A	2-1,5-4	
	7203	U23	ON	OFF	ON				
	7205	U25	мом.	OFF	мом.	2-3,5-6	OPEN	2-1,5-4	
DP	7207	U27	ON	OFF	мом.				
DP	7208	U28	ON	NONE	мом.	2-3,5-6	N/A	2-1,5-4	'
	7211 *	U211*	ON	ON	ON				
	7213*	U213*	ON	ON	мом.	2-3,5-6	2-3,5-4	2-1,5-4	
	7215*	U215*	MOM.	ON	MOM.				DPDT



DPDT



Part number shown: 7201SYZQE

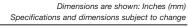
MOM. = Momentary

* Wiring for 3-way switch, see Section N

** U11-U415 model nos.

with all options when ordered with G, R, Q or S contact material.





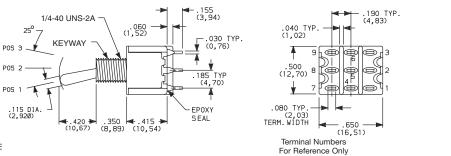






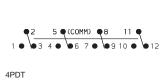
			SWI	TCH FUNCT	TION	cor	NNECTED TERMIN	ALS	
			POS. 1	POS. 2	POS. 3	POS. 1	POS. 2	POS. 3	
NO. POLES	MODEL NO.	UL** MODEL NO.	KEYWAY 7	KEYWAY 7	KEYWAY	KEYWAY 7	KEYWAY 7	KEYWAY 7	SCHEMATIC
	7301	U31	ON	NONE	ON	2-3,5-6,8-9	N/A	2-1,5-4,8-7	
	7303	U33	ON	OFF	ON				•2 5 • (COMM) 8 •
3P	7305	U35	MOM.	OFF	мом.	2-3,5-6,8-9	OPEN	2-1,5-4,8-7	1 • 3 4 • 6 7 • 9
	7307	U37	ON	OFF	мом.				
	7308	U38	ON	NONE	мом.	2-3,5-6,8-9	N/A	2-1,5-4,8-7	3PDT

3PDT

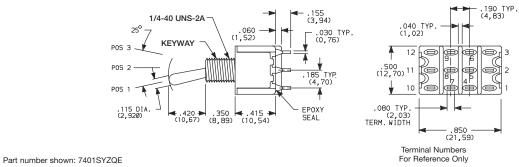


Part number shown: 7301SYZQE

	7401	U41	ON	NONE	ON	2-3,5-6,8-9,11-12	N/A	2-1,5-4,8-7,11-10	Ī
	7403	U43	ON	OFF	ON				۱
	7405	U45	мом.	OFF	мом.	2-3,5-6,8-9,11-12	OPEN	2-1,5-4,8-7,11-10	۱
4P	7408	U48	ON	NONE	мом.	2-3,5-6,8-9,11-12	N/A	2-1,5-4,8-7,11-10	
46	7411*	U411*	ON	ON	ON				۱
	7413*	U413*	ON	ON	мом.	2-3,5-6,8-9,11-12	2-3,5-4,8-9,11-10	2-1,5-4,8-7,11-10	۱
	7415*	U415*	мом.	ON	мом.				۱



4PDT



#IOM. = Momentary
Wiring for 3-way switch, see Section N.

** U11-U415 model nos. c with all options when ordered with G, Q, R or S contact material.







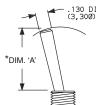
ACTUATOR -----

S .420" HIGH ¹

SP ANTIROTATION, .420" HIGH 2,3 M .200" HIGH 1 MP ANTIROTATION, .200" HIGH ^{2,3} L, L1, L2 L1P, L2P

.840", .640", .550" HIGH ¹

ANTIROTATION. .840", .640", .550" HIGH ^{2,3}



OPTION CODE	DIM 'A'
L	.840 (21,34)
L1, L1P	.640 (16,26)
L2, L2P	.550 (13,97)

S actuator standard when ordered with C, W-W5, Z & Z3 terminations.
Caps are available separately, see page F-16.

FLATTED WITH ANTIROTATION, .840" HIGH ^{2,3}

all terminations except C, W-W5, Z & Z3. Caps are available separately, see page F-16.

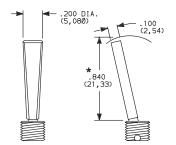
FLATTED WITH ANTIROTATION, .450" HIGH 2,3

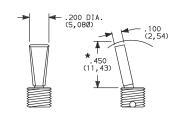
M actuator standard when ordered with

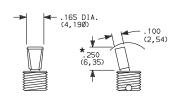
*P3

Caps are available separately, see page F-16.

FLATTED WITH ANTIROTATION, .250" HIGH





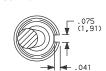


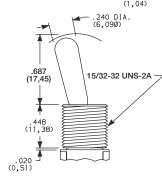
*Dress nut part number 709901201 supplied standard with threaded bushing. (Part number 709903201 with metric threaded bushings.)

T .687 (17,45) HIGH 1,2

TP

ANTIROTATION, .687 (17,45) HIGH, 15/32 BUSHING 1,2,3

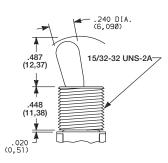




T1 .487 (12,37) HIGH 1,2

ANTIROTATION, .487 (12,37) HIGH, 15/32 BUSHING 1,2,3

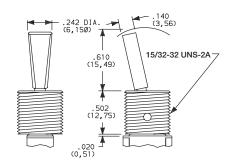




T₂P

FLATTED, ANTIROTATION, .610" HIGH, 15/32 BUSHING 1,2,3





Bushing option code not required unless CW splashproof bushing ordered. TP & T1P actuators not available with CW splashproof bushing. All TXX actuators not available on single pole models with A-A4, AW1-AW4 terminations.

Bushing option code not required. T2P actuator not available with CW splashproof bushing or single pole models with A-A4, AW1-AW4 terminations.

 2 L1P, L2P, MP, P1, P3, P4, SP & TXX actuators not available with D8 & H4 bushing.

³ Antirotation: Provides anti-'push-in' feature on

* Add .070 (1,78) for D, D8 & D9 bushings, subtract .020 (0,51) for H3 bushing.

OPTION CODE	ACTUATOR FINISH
NONE	BRIGHT CHROME-With Nickel Plated Bushing
2	BLACK
S	SATIN CHROME

NOTE: Black hardware is supplied when either black actuators or bushings are specified. For additional hardware, see Section N.





¹ L, L1, L2, M, S & TXX actuators not available with Y1 bushing.



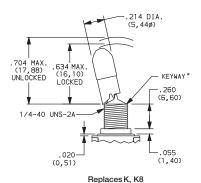
LOCKING LEVER, .704" HIGH (threaded)

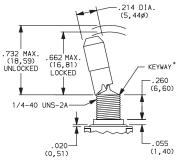
LOCKING LEVER, .704" HIGH (unthreaded)

K12

LOCKING LEVER, .732" HIGH (threaded)

LOCKING LEVER, .732" HIGH (unthreaded)





Replaces K1, K18

OPTION CODE	ACTUATOR CAP FINISH
NONE	NATURAL ALUMINUM-With Nickle Plated Bushing
2	BLACK ANODIZED ALUMINUM
3	RED ANODIZED ALUMINUM
7	BLUE ANODIZED ALUMINUM

^{*} All KXX models including KXXCW have a keyway

Locking Positions





-03 & -11 Models

3 Position lock



-05, -09 & -15 Models 1 Position lock



-07 & -13 Models

2 Position lock



-08 Models 1 Position lock

NOTE: To prevent accidental actuation, toggle must be lifted before being actuated. When released, toggle will lock in place. Overtightening mounting nut may cause actuator to bind.

Locking levers supplied with bushing shown.

Bushing option code not required unless CW splashproof bushing ordered.

-01 Models 2 Position lock

LEVER HANDLE WITHOUT CAP

PLASTIC LEVER HANDLE WITH ANTIROTATION AND CAP, P/N 4810

PLASTIC LEVER HANDLE WITH ANTIROTATION AND CAP, P/N 4811

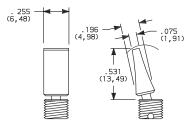
.236

.838 (21,29)



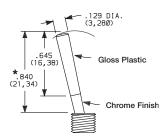


No color choice required



Finish: Matte (L41 & L42).





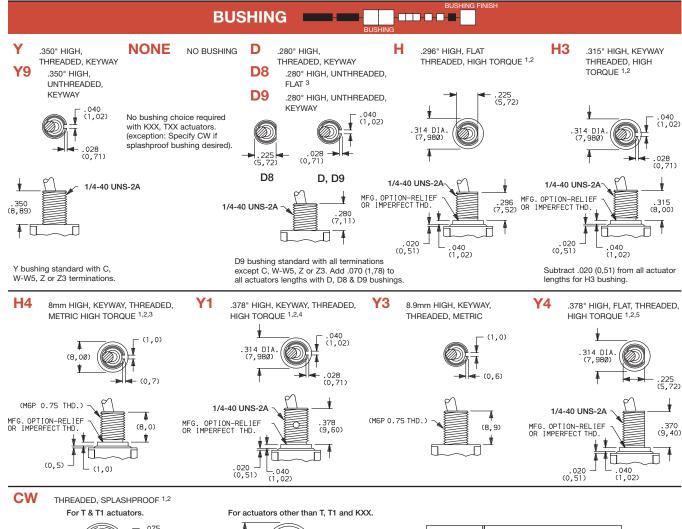
* Add .070 (1,78) for D, D8 & D9 bushings,
subtract .020 (0,51) for H3 bushing.

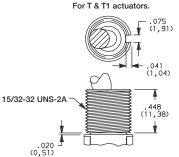
OPTION CODE	PLASTIC ACTUATOR COLORS
NONE	No Actuator Color (L40 option)
2	BLACK
3	RED

NOTE: Lever handle for L41 & L42 actuators supplied, but not installed. For interchangeability, order L40 actuator option and lever handles separately, see page F-16. L4X actuators not available with H4, Y1, Y4 bushings. Antirotation: Provides anti-'push-in' feature on actuator.





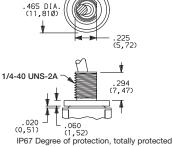




IP67 Degree of protection, totally protected against dust, full-scale voltage protection, temporary immersion Internal actuator seal standard.

External bushing seal available separately from APM

Hexseal, part # MFS-60064.



against dust, full-scale voltage protection, temporary immersion. Internal actuator seal and external bushing seal washer standard. IP65 degree of protection for LXP, MP, PX or SP with CW option.

OPTION CODE	BUSHING FINISH
NONE	NICKEL on all bushings except 'D8' satin chrome.
2	BLACK

¹ Will withstand 12 in.-lbs. of torque with no distortion.

- ² CW. H, H3, H4, Y1 & Y4 bushings not available on single pole models
- ³ D8 & H4 bushings available only with L, L1, L2, M & S actuators.
- ⁴ Y1 bushing available only with LXP, MP, PX & SP actuators.
- ⁵ Y4 bushing not available with L4X actuators.

NOTE: Two mounting nuts, locking ring and lockwasher supplied standard with threaded bushings. Black hardware is supplied when either black bushings or actuators are specified. Optional mounting nut and locking ring styles and finishes available, see Section N.

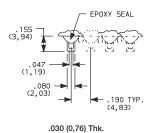
PANEL MOUNTING 1/4 INCH BUSHING METRIC BUSHING -15/32 INCH BUSHING (6,5Ø) Without locking ring. With standard locking ring. With small locking ring. Without locking ring. Without locking ring. Without locking ring. With standard locking ring. Third Angle Dimensions are shown: Inches (mm)



Toggle

TERMINATIONS ----

Z SOLDER LUG



SPDT thru 4PDT

Not available with P, R or S contact materials.

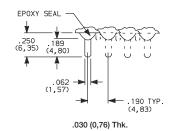
SPDT thru 4PDT

PC THRU-HOLE

EPOXY SEAL

.250 .189 (6,35) (4,80)

Z3 QUICK CONNECT

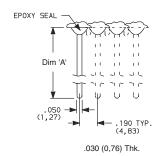


SPDT thru 4PDT

Not available with P, R or S contact materials. Mating quick connector available, order part number 530100000, page F-16.

W, W1, W3, W4, W5 WIRE WRAP

.190 TYP. (4,83)



OPTION CODE	DIM 'A'
W	.750 (19,05)
W1	.964 (24,48)
W3	.425 (10,80)
W4	1.062 (26,97)
W5	1.305 (33,15)

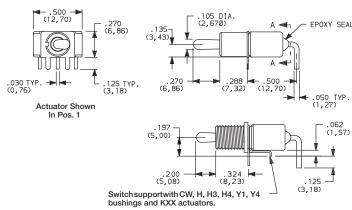
PC MOUNTING

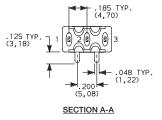
.073 DIA. (1,850) TYP.

- - ⊕ - - ⊕ -

SPDT thru 4PDT

A RIGHT ANGLE, PC THRU-HOLE





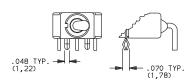


Terminal Nos.
For Reference Only

7101MD9ABE Horizontal Actuation **SPDT**

Part No. Shown: 7101MHABE

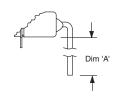
A3 RIGHT ANGLE, SNAP-IN, PC THRU-HOLE



Not available with I seal option. Terminal bend radii and lead-in manufacturing option.

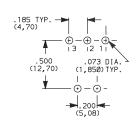
AW1, AW4 RIGHT

RIGHT ANGLE, EXTENDED, PC THRU-HOLE



OPTION CODE	DIM 'A'
AW1	.72 (18,3)
AW4	.83 (21,1)

PC MOUNTING





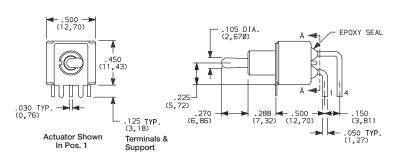


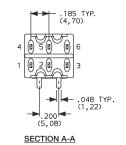
TERMINATIONS ----

RIGHT ANGLE, PC THRU-HOLE



7201MD9ABE Horizontal Actuation **DPDT**



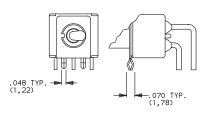


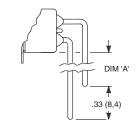
RIGHT ANGLE, SNAP-IN, PC THRU-HOLE

AW1, AW4

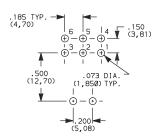
RIGHT ANGLE, EXTENDED, PC THRU-HOLE

PC MOUNTING





OPTION CODE	DIM 'A'
AW1	.40 (10,2)
AW4	.50 (12,7)



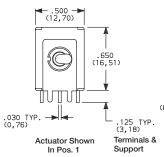
Not available with I seal option.

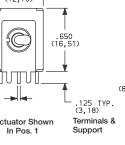
Terminal bend radii and lead-in manufacturing option.

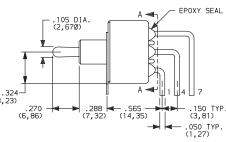
RIGHT ANGLE, PC THRU-HOLE

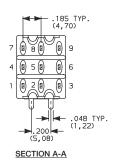


7301MD9ABE Horizontal Actuation 3PDT



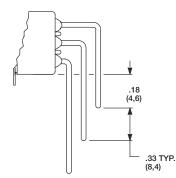






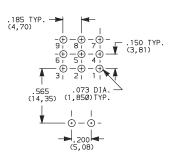
AW4

RIGHT ANGLE, EXTENDED, PC THRU-HOLE



Not available with I seal option.
Terminal bend radii and lead-in manufacturing option.

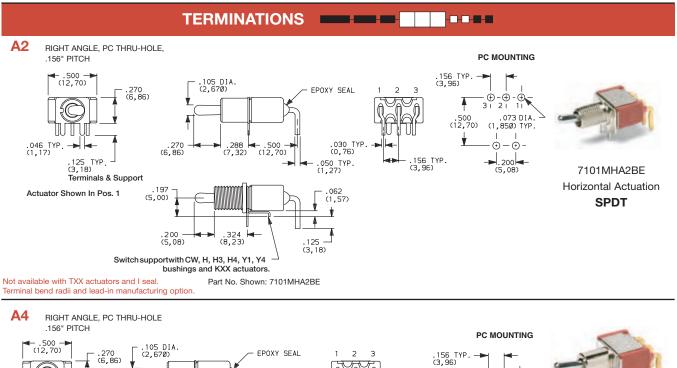
PC MOUNTING

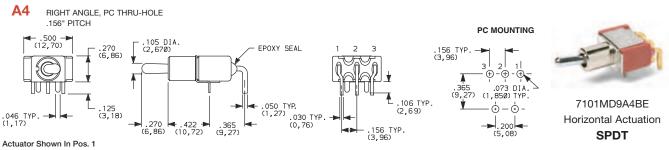




Dimensions are shown: Inches (mm) Specifications and dimensions subject to change

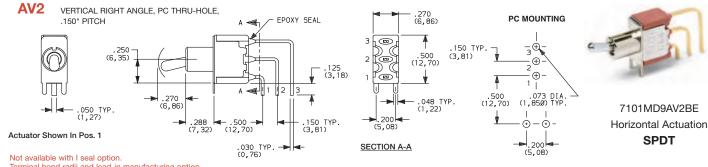
F-10

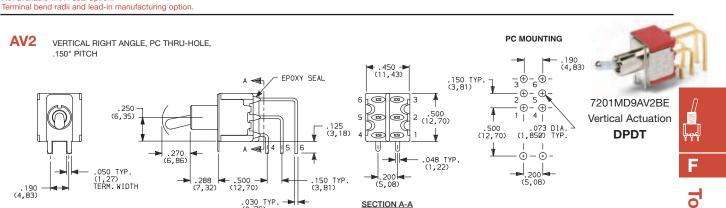




Not available with KXX & TXX actuators, CW, H, H3, H4, Y1 & Y4 bushings, and I seal. Terminal bend radii and lead-in manufacturing option.

NOTE: The A4 option is available with any contact material and can be UL recognized and CSA certified. The PC pattern must clear switch support legs.





Not available with I seal option. Terminal bend radii and lead-in manufacturing option.



Dimensions are shown: Inches (mm) Specifications and dimensions subject to change

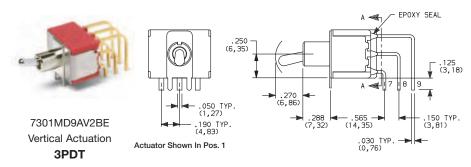


Actuator Shown In Pos. 1

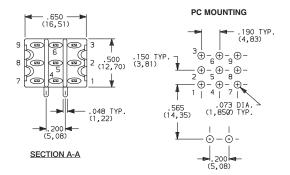
TERMINATIONS ----

AV₂

VERTICAL RIGHT ANGLE, PC THRU-HOLE, .150" PITCH

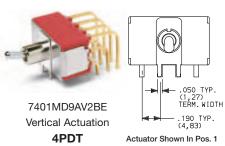


.250

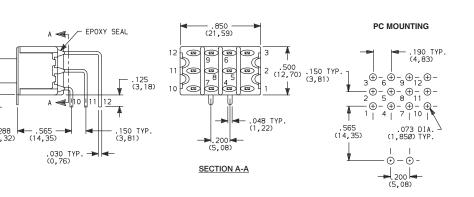


Not available with I seal option. Terminal bend radii and lead-in manufacturing option.

AV2 VERTICAL RIGHT ANGLE, PC THRU-HOLE, .150" PITCH



Not available with I seal option.
Terminal bend radii and lead-in manufacturing option.

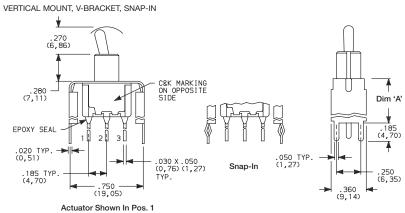


V2, V6, V7, V8 V21, V71, V81

VERTICAL MOUNT, V-BRACKET



7101MD9_BE **SPDT**



250 TYP.

(6, 35)

(1, 85Ø) TYP.

(1, 85Ø) TYP.

(19, 05)

(19, 05)

(19, 05)

(19, 05)

(19, 05)

OPTION CODE	DIM 'A'
V2, V21	.555 (14,10)
V6	.460 (11,68)
V7, V71	.630 (16,00)
V8, V81	.953 (24,21)

Not available with I seal option.



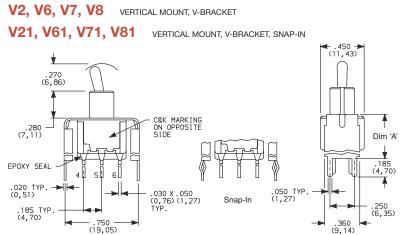




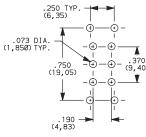
Dimensions are shown: Inches (mm) Specifications and dimensions subject to change

F-12

TERMINATIONS ----



PC MOUNTING





OPTION DIM 'A' V2, V21 .555 (14,10) V6, V61 .460 (11,68) V7, V71 .630 (16,00) V8, V81 .953 (24,21)

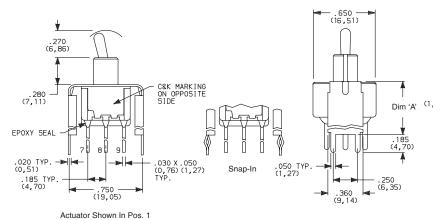
7201MD9 BE **DPDT**

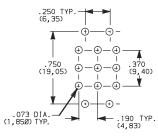
V2, V7, V8 VERTICAL MOUNT, V-BRACKET

Actuator Shown In Pos. 1

Not available with I seal option.

V21, V71, V81 VERTICAL MOUNT, V-BRACKET, SNAP-IN





PC MOUNTING



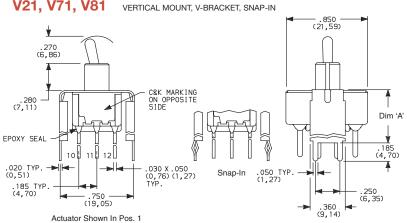
7301MD9__BE 3PDT

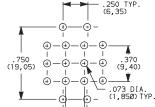
OPTION CODE	DIM 'A'
V2, V21	.555 (14,10)
V7, V71	.630 (16,00)
V8, V81	.953 (24,21)

Not available with I seal option.

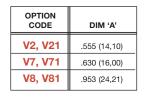


V21, V71, V81





PC MOUNTING





7401MD9__BE **4PDT**

Not available with I seal option.

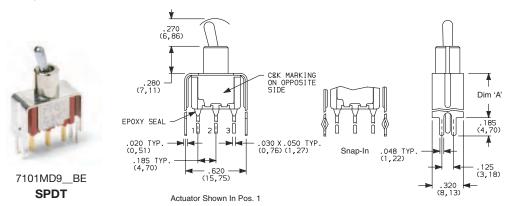




TERMINATIONS ----

V3, V4, V9 VERTICAL MOUNT, V-BRACKET

V31, V41 VERTICAL MOUNT, V-BRACKET, SNAP-IN



.125 TYP. (3,18) (3,18) .620 (15,75) -Q - (3,40) (15,75) -Q - (9,40) (1,850) TYP

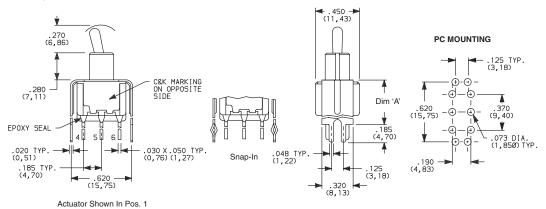
PC MOUNTING

OPTION CODE	DIM 'A'	
V3, V31	.460 (11,68)	
V4, V41	.630 (16,00)	
V 9	1.150 (29,21)	

Not available with I seal option.

V3, V4, V9 VERTICAL MOUNT, V-BRACKET

V31, V41 VERTICAL MOUNT, V-BRACKET, SNAP-IN

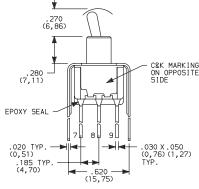


7201MD9_BE **DPDT**

Not available with I seal option.

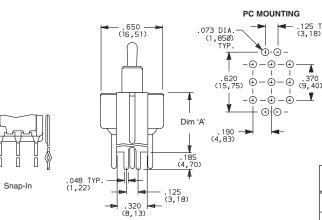
V4, V9 VERTICAL MOUNT, V-BRACKET

V41 VERTICAL MOUNT, V-BRACKET, SNAP-IN



Actuator Shown In Pos. 1

Not available with I seal option.



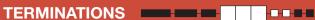


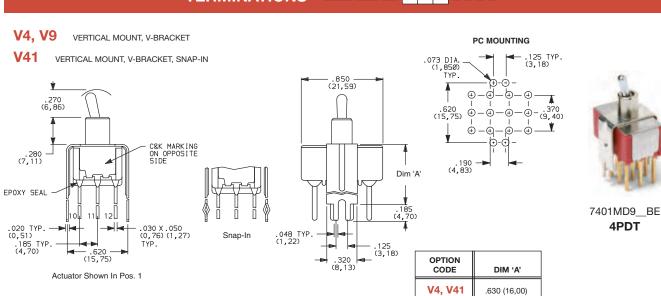
7301MD9_B

OPTION CODE	DIM 'A'
V4, V41	.630 (16,00)
V9	1.150 (29,21)









CONTACT MATERIAL

OPTION CODE	CONTACT MATERIAL	TERMINAL PLATING	RATINGS	
В	GOLD ¹	GOLD ¹	LOW LEVEL/	
Р	GOLD	MATTE-TIN ⁶	DRY CIRCUIT	0.4 VA MAX. @ 20 V AC OR DC MAX.
Q	SILVER 4,5	SILVER 5	2011/52	
S	SILVER 4,0	MATTE-TIN ⁶	POWER	5 AMPS @ 120 V AC OR 28 V DC; 2 AMPS @ 250 V AC.
G	GOLD OVER	GOLD ³	LOW LEVEL/DRY	0.4 VA MAX @ 20 V AC OR DC MAX. OR 5 AMPS @ 120 V AC
R	SILVER ^{2,3}	MATTE-TIN ⁶	CIRCUIT OR POWER	OR 28 V DC; 2 AMPS @ 250 V AC.

^{*} Note: See Technical Data section of this catalog for RoHS compliant and compatible definitions and specifications.

Not available with I seal option.

NOTE: Any models supplied with P, S, R, Q, B or G contact material are RoHS compliant.

1.150 (29,21)

U11-U415 model numbers c with all options when ordered with G, S, R, or Q contact material.

B contact material standard with all terminations except C, Z & Z3.

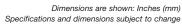
Q contact material standard with C, Z & Z3 terminations.

P, S & R contact materials not available with Z & Z3 terminations.



Toggle







¹ CONTACTS & TERMINALS: Copper alloy, with gold plate over nickel plate.

 $^{^{2}}$ END CONTACTS: Coin silver, with gold plate over nickel plate.

³ CENTER CONTACTS & ALL TERMINALS: Copper alloy, with gold plate over nickel plate.

 $^{^{\}rm 4}$ END CONTACTS: Coin silver, silver plated.

⁵ CENTER CONTACT & ALL TERMINALS: Copper alloy, silver plated.

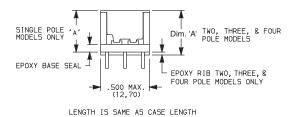
 $^{^{\}rm 6}$ TERMINALS: Copper alloy, with matte tin alloy nickel plate.

SEAL ----

EPOXY SEAL



EPOXY POTTED BASE



NO. POLES DIM 'A' SP .410 (10,41) DP .440 (11,18) .505 (12,83) 4P .505 (12,83)

Compatible with "bottom-wash" PC board cleaning methods

Available with C, W-W5, Z & Z3 terminations only.

AVAILABLE HARDWARE

Cap



Сар





PART NO.

896801000 WHITE 896802000 BLACK 896803000 RED

Material: Polyethylene Finish: Matte

PART NO.

763701000 WHITE 763702000 BLACK 763703000 RED

Material: Vinyl Finish: Matte

PART NO. 706201000 WHITE **706202000** BLACK **706203000** RED

Fits Z3 Termination

Material: Vinyl Finish: Matte

L41 Lever handle





L42 Lever handle

PART NO. 530100000 NOTE: Additional nuts, locking rings and lockwashers available separately, see Section N.

Other colors available, consult Customer Service Center.

PART NO.

481001000 WHITE 481002263 BLACK 481003000 RED

Material: Nylon Finish: Matte

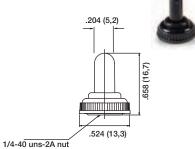
PART NO. 481101000 WHITE

481102263 BLACK 481103000 RED

Material: Nylon Finish: Matte



759D02000 Sealing Boot



NOTE: For use with S actuator style when combined with D, H, H3, Y, and Y4 bushings

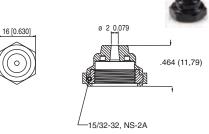
703D02000 Sealing Boot



NOTE: For use with T and TP style actuators. **Cannot** be used for Switch Functions: 7103, 7203, 7303, 7403, 7107, 7207, 7307, 7407.

704D02000 Sealing Boot

Available in loose pieces.



NOTE: For use with T, TP and T2P style actuators. Cannot be used for Switch Functions: 7103, 7203, 7303, 7403, 7107, 7207, 7307, and 7407.



