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.

.270 (6,86)

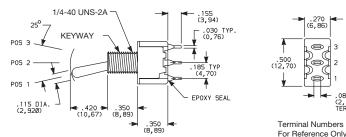
.080 TYP. (2,03) TERM.WIDTH

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

SWITCH FUNCTION

			SWITCH FUNCTION			CONNECTED TERMINALS			
			POS. 1	POS. 2	POS. 3	POS. 1	POS. 2	POS. 3	
NO. POLES	MODEL NO.	UL** MODEL NO.	KEYWAY	KEYWAY 7	KEYWAY 7	KEYWAY 7		KEYWAY	SCHEMATIC
	7101	U11	ON	NONE	ON	2-3	N/A	2-1	
	7103	U13	ON	OFF	ON				
SP	7105	U15	MOM.	OFF	MOM.	2-3	OPEN	2-1	• 2 (COMM)
52	7107	U17	ON	OFF	MOM.				1 • • 3
	7108	U18	ON	NONE	MOM.	2-3	N/A	2-1	
	7109	U19	NONE	ON	MOM.	N/A	2-3	2-1	SPDT

SPDT





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

.155 (3,94)

DPDT

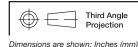


.190 (4,83) .060 .030 TYP. 25 (1,02) KEYWAY POS З POS .500 185 (4, TYF 70) ÷ POS .080 TYP. (2,03) TERM.WIDTH EPOXY SEAL .115 DIA. ⊦.420 ≇ (10,67) .350 (8,89) 450 .350 (11, 43)Terminal Numbers For Reference Only Part number shown: 7201SYZQE

MOM. = Momentary * Wiring for 3-way switch, see Section N

1/4-40 UNS-2A

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



Specifications and dimensions subject to change

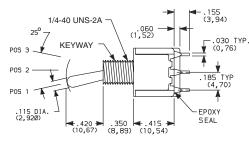


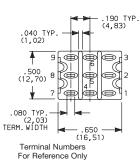
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SWITCH FUNCTION

			SWI	TCH FUNCT	ION	CON	NECTED 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 -	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	MOM.	2-3,5-6,8-9	OPEN	2-1,5-4,8-7		
	7307	U37	ON	OFF	MOM.					
	7308	U38	ON	NONE	MOM.	2-3,5-6,8-9	N/A	2-1,5-4,8-7	3PDT	

3PDT

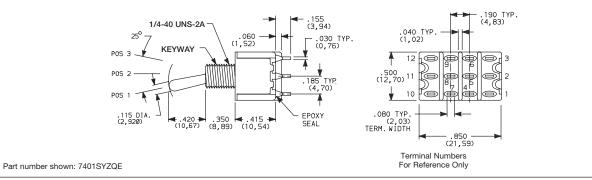




Part number shown: 7301SYZQE

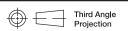
								lerenee enig	
	7401	U41	ON	NONE	ON	2-3,5-6,8-9,11-12	N/A	2-1,5-4,8-7,11-10	
	7403	U43	ON	OFF	ON				
	7405	U45	MOM.	OFF	MOM.	2-3,5-6,8-9,11-12	OPEN	2-1,5-4,8-7,11-10	
4P	7408	U48	ON	NONE	MOM.	2-3,5-6,8-9,11-12	N/A	2-1,5-4,8-7,11-10	
46	7411*	U411*	ON	ON	ON				2 5 (COMM) = 8 11 = 12
	7413*	U413*	ON	ON	MOM.	2-3,5-6,8-9,11-12	2-3,5-4,8-9,11-10	2-1,5-4,8-7,11-10	
	7415*	U415*	MOM.	ON	MOM.				4PDT

4PDT

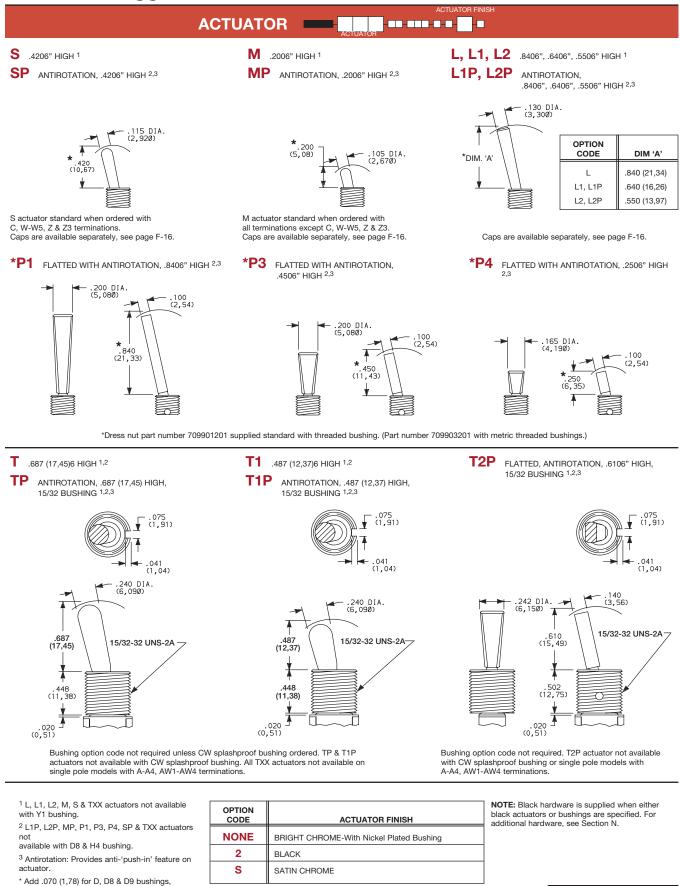


IOM. = Momentary Wiring for 3-way switch, see Section N.

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







Third Angle Projection

25 may 18

subtract .020 (0,51) for H3 bushing.

Foggle 1

ACTUATOR

ANTIROTATION AND CAP, P/N 4810

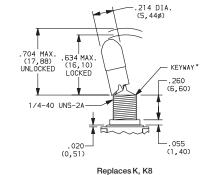
.531 (13,49)

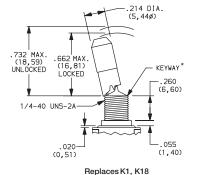
.196





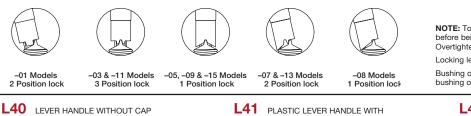
K19 LOCKING LEVER, .732" HIGH (unthreaded)





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



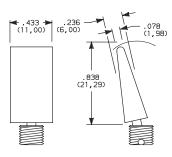
. 255 (6,48)

Locking Positions

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.



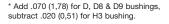


Finish: Matte (L41 & L42).

.075

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



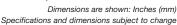


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NOTE: Lever handle for L41 & L42 actuators supplied, but not installed. For interchangeability, order L40 actuator option and lever handles separately, see page F-16. L4X actuators not available with H4, Y1, Y4 bushings. Antirotation: Provides anti-'push-in'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

RED

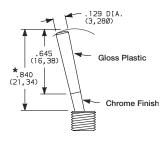
3

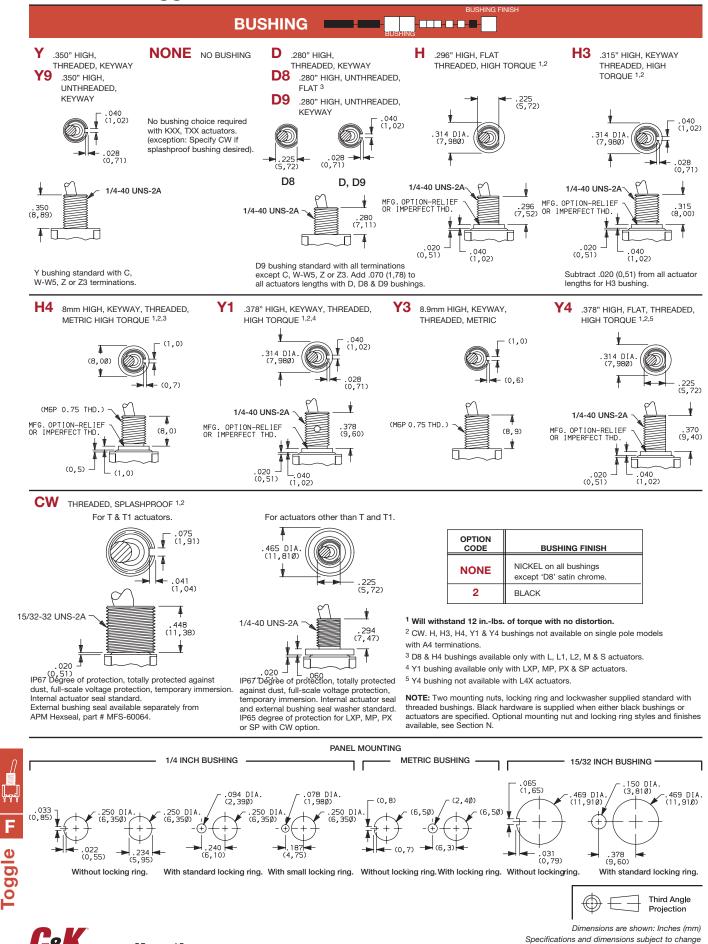




No color choice required

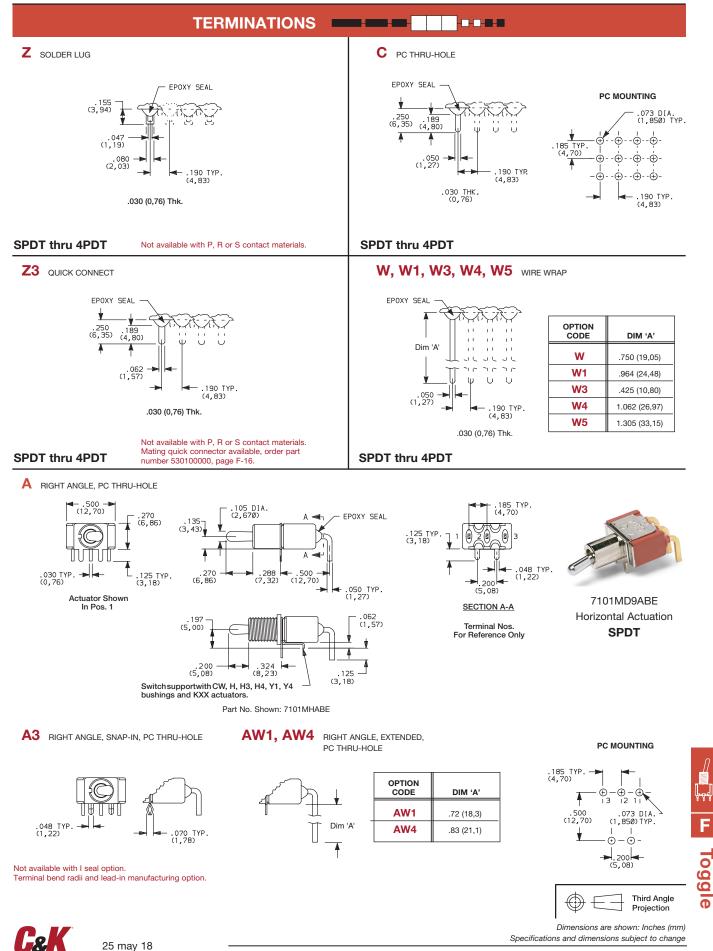
L3 PLASTIC .940" HIGH





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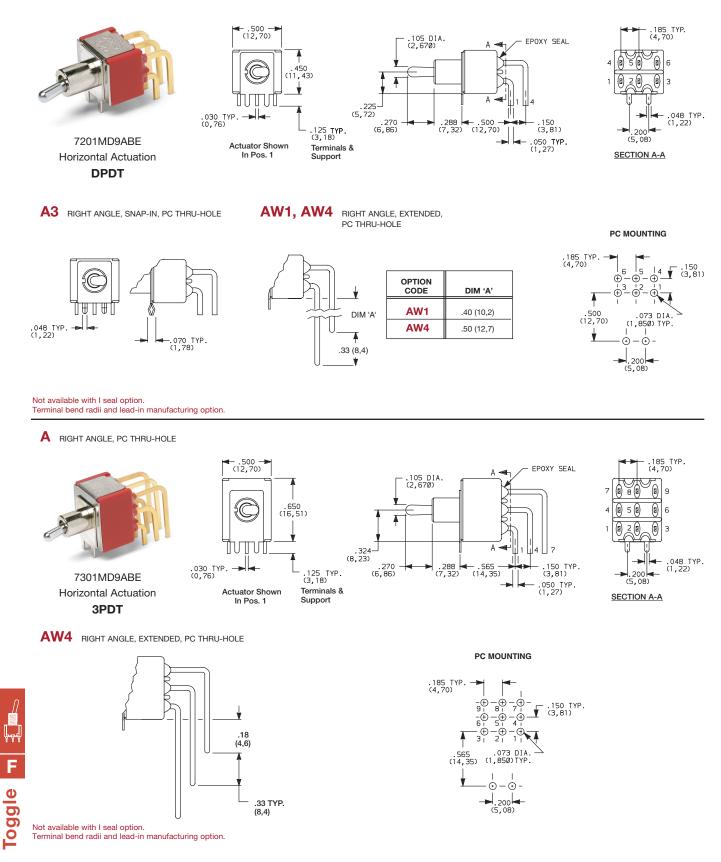
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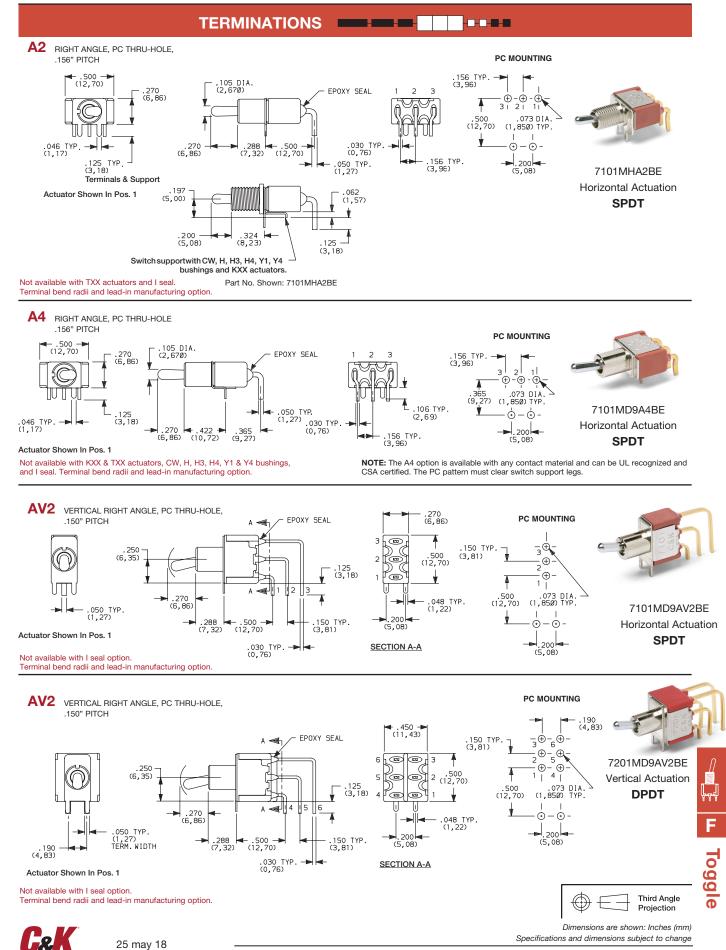
F

TERMINATIONS

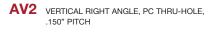
A RIGHT ANGLE, PC THRU-HOLE

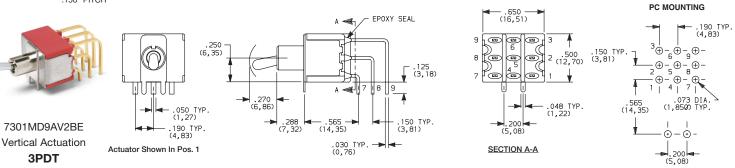


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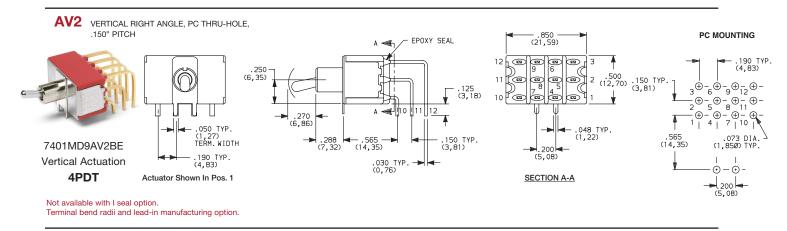


TERMINATIONS

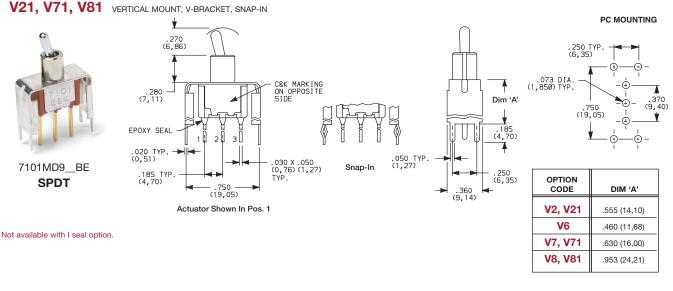




Not available with I seal option. Terminal bend radii and lead-in manufacturing option.



V2, V6, V7, V8 VERTICAL MOUNT, V-BRACKET



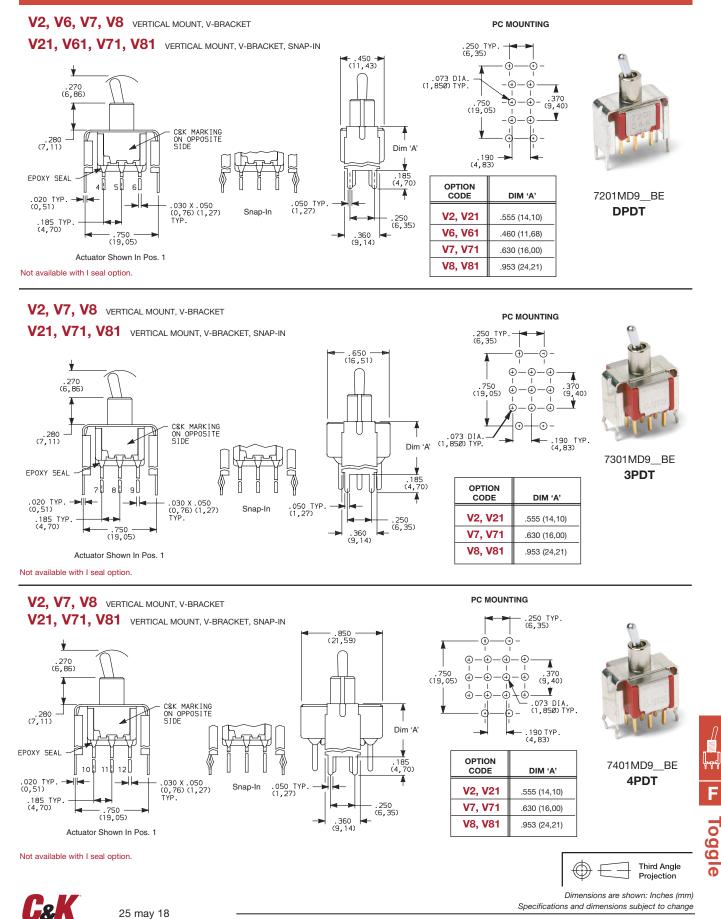
Dimensions are shown: Inches (mm)

Specifications and dimensions subject to change

Downloaded from Arrow.com.

Foggle 1

TERMINATIONS

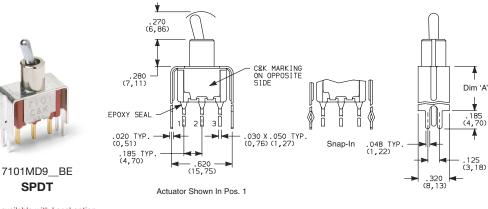


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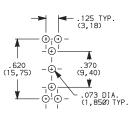
TERMINATIONS

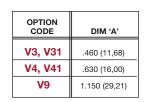
V3, V4, V9 VERTICAL MOUNT, V-BRACKET

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



PC MOUNTING

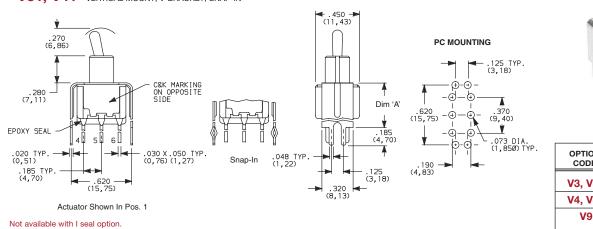




Not available with I seal option.

V3, V4, V9 VERTICAL MOUNT, V-BRACKET

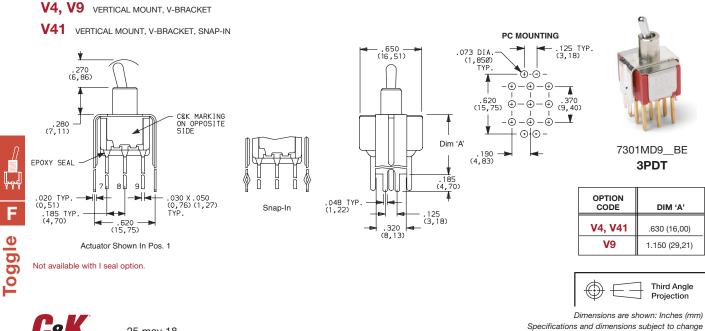






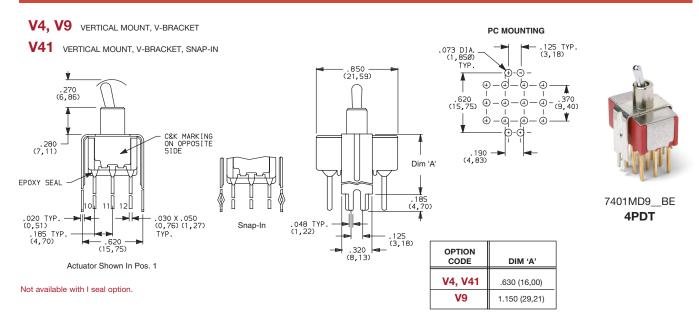
7201MD9_BE DPDT

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



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TERMINATIONS



CONTACT MATERIAL

OPTION CODE	CONTACT MATERIAL	TERMINAL PLATING	RATINGS				
В	GOLD 1	GOLD ¹	LOW LEVEL/				
Р		MATTE-TIN ⁶	DRY CIRCUIT	0.4 VA MAX. @ 20 V AC OR DC MAX.			
Q	SILVER 4,5	SILVER 5	2011/22				
S	SILVER ""	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.

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.

- ⁴ END CONTACTS: Coin silver, silver plated.
- ⁵ CENTER CONTACT & ALL TERMINALS: Copper alloy, silver plated.

⁶ TERMINALS: Copper alloy, with matte tin alloy nickel plate.

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NOTE: Any models supplied with P, S, R, Q, B or G contact material are RoHS compliant.
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U11-U415 model numbers 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.



