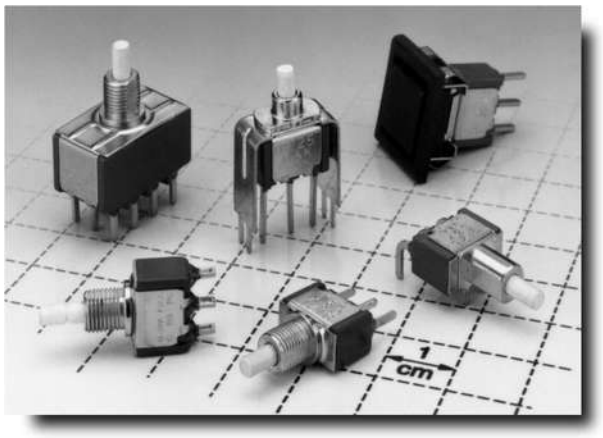
Models Available

Features/Benefits

- *Positive tactile feel*
- *Multi-positions available*
- *Wide variety of termination options*

Typical Applications

- *Instrumentation*
- *Computer peripherals*
- *Telecommunications equipment*



Build-A-Switch

Our easy Build-A-Switch concept allows you to mix and match options to create the switch you need. Below is a complete listing of options shown in catalog. To order, simply select desired option from each category and place in the appropriate box. Switches with standard options are shown on pages B-26 and B-27. Available options are shown and described on pages B-27 thru B-39. For additional options not shown in catalog, consult Customer Service Center. All models have epoxy terminal seal and are compatible with all “bottom-wash” PCB cleaning methods.

Typical Example: 8 1 2 1 — S — D — Z — B — E — — — —

Switch Function
- 8121 **(STD.) SPDT On-Mom. 1 Amp**
- 8125 **(STD.) SPDT On-Mom. 0.4VA**
- 8221 **(STD.) DPDT On-Mom. 1 Amp**
- 8225 DPDT On-Mom. 0.4VA
- 8321 3PDT On-Mom. 1 Amp
- 8325 3PDT On-Mom. 0.4VA
- 8421 4PDT On-Mom. 1 Amp
- 8425 4PDT On-Mom. 0.4VA

Note: UL/CSA models available, see page B-27.

Actuator or Plunger
- S **(STD.) Plunger**
- NONE Snap-in
- J80 Snap-in
- J81 Snap-in w/frame
- J82 Snap-in w/frame & LED
- J83 Snap-in w/frame & flush cap
- J84 Snap-in w/frame, flush cap & LED
- J85 Snap-in w/frame & LED
- J95 PC w/V-bracket & LED
- L Plunger
- M Snap-fitting plunger

Bushing
- D9 **(STD.) .280“ high, keyway**
- H **(STD.) .250“ high, flat**
- NONE No bushing choice required
- D .280" high, keyway
- D2 .288" high, flat
- D3 .180" high
- D8 .288" high, flat
- H9 .250" high, flat, hi torque
- Y .350" high, keyway
- Y3 6.35mm high, keyway, hi torque
- Y4 .378" high, flat, hi torque
- Y9 .350" high, keyway

Terminations
- A **(STD.) Right angle, PC thru-hole**
- AV2 **(STD.) Vertical right angle, PC thru-hole**
- C **(STD.) PC Thru-hole**
- Z **(STD.) Solder lug**
- A2 Right angle, PC thru-hole
- A3 Right angle, snap-in, PC thru-hole
- A4 Right angle, PC thru-hole
- A6 Right angle, PC thru-hole
- AV1 Vertical right angle, PC thru-hole
- AV3 Vertical right angle, snap-in, PC thru-hole
- R Right angle with PCB
- R2 Right angle with PCB
- V3 .460" high, V-bracket
- V4 .630" high, V-bracket
- V6 .460" high, V-bracket
- V7 .630" high, V-bracket
- V8 .953" high, V-bracket
- V31 .460" high, snap-in V-bracket
- V41 .630" high, snap-in V-bracket
- V61 .460" high, snap-in V-bracket
- W .750" long, wire wrap
- W1 .964" long, wire wrap
- W3 .425" long, wire wrap
- W4 1.062" long, wire wrap
- Z3 Quick connect

Contact Material
- B **(STD.) Gold**
- G **(STD.) Gold over silver**
- K Gold
- L Gold over silver

Seal
- E **(STD.) Epoxy**
- I Epoxy potted base

Cap Color
- 2 **(STD.) Black**
- NONE Models without caps
- 1 White
- 3 Red

Frame Color
- 2 **(STD.) Black**
- NONE Models without frame
- 1 White
- 3 Red

LED Color
- 3 **(STD.) Red**
- NONE Models without LED
- 5 Yellow
- 6 Green

C&K 8020 Series
Snap-acting Momentary Pushbutton Switches

Specifications

CONTACT RATING: B contact material (8X25 Models): 0.4 VA max. @ 20 V AC or DC maximum. G contact material (8X21, U8X1 Models): 1 AMP @ 120 V AC or 28 V DC or 0.4 VA max. @ 20 V AC or DC max. Note: Break-before-makecontacts. Multi-pole contacts do not make and break simultaneously. See page B-39 for additional ratings.

ELECTRICAL LIFE: 60,000 make-and-break cycles at full load.

CONTACT RESISTANCE: Below 50 milliohms typ. initial @ 2-4 V DC, 100 mA, for both silver and gold plated contacts.

INSULATION RESISTANCE: 10^9 ohms min.

DIELECTRIC STRENGTH: 1,000 V RMS min. @ sea level.

OPERATING TEMPERATURE: 8X2X MODELS: –30°C to 75°C. U8X1 MODELS: –30°C to 65°C.

CAP INSTALLATION FORCE: 10 lbs. max. permissible.

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

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

Materials

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

PLUNGER: Glass filled nylon or glass filled polyester (PBT) (UL 94V-0).

CAP & FRAME: Nylon, black, standard.

BUSHING: Brass or zinc, nickel plated.

HOUSING: Stainless steel.

SWITCH SUPPORT: Brass or steel, tin plated.

N.O. & N.C. CONTACTS
8X21, U8X1 MODELS: G contact material: Coin silver, with gold plate over nickel plate. See page B-39 for additional contact materials.
8X25 MODELS: B contact material: Copper alloy, with gold plate over nickel plate. See page B-39 for additional contact materials.

COMMON CONTACT & ALL TERMINALS: Copper alloy, with gold plate over nickel plate.

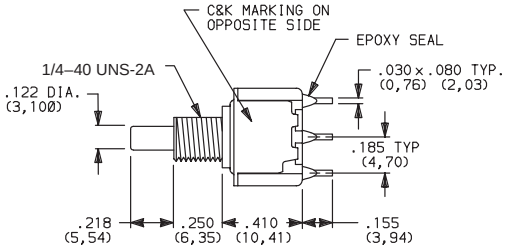
TERMINAL SEAL: Epoxy.

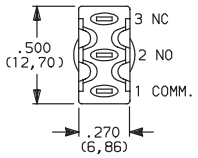
HARDWARE: Nut & Locking Ring: Brass, nickel plated; Lockwasher: Steel, nickel plated.

SWITCHES WITH STANDARD OPTIONS



8121SHZGE
SPDT





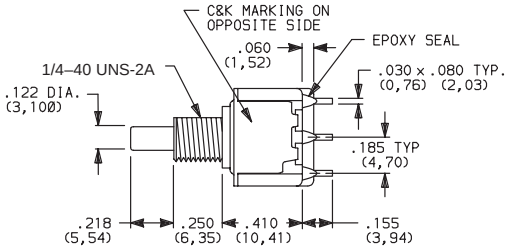
PART NUMBER	FUNCTION	POS. 1	POS. 2
8121SHZGE	SPDT	ON	MOM.
8125SHZBE		ON	MOM.

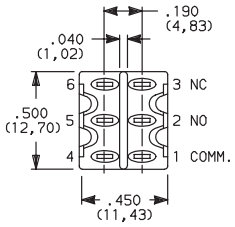
MOM. = Momentary

NOTE: For PC termination, replace 'Z' with 'C'. For panel mounting information, see page B-31. For PC mounting information, see page B-32.



8221SHZGE
DPDT





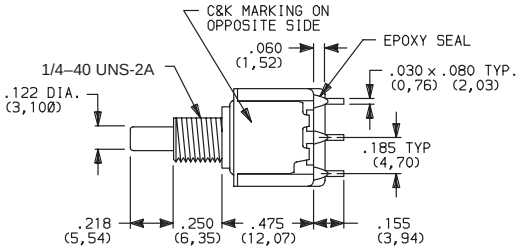
PART NUMBER	FUNCTION	POS. 1	POS. 2
8221SHZGE	DPDT	ON	MOM.
8225SHZBE		ON	MOM.

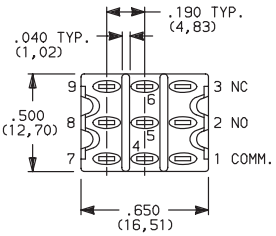
MOM. = Momentary

NOTE: For PC termination, replace 'Z' with 'C'. For panel mounting information, see page B-31. For PC mounting information, see page B-32.



8321SHZGE
3PDT





PART NUMBER	FUNCTION	POS. 1	POS. 2
8321SHZGE	3PDT	ON	MOM.
8325SHZBE		ON	MOM.

MOM. = Momentary

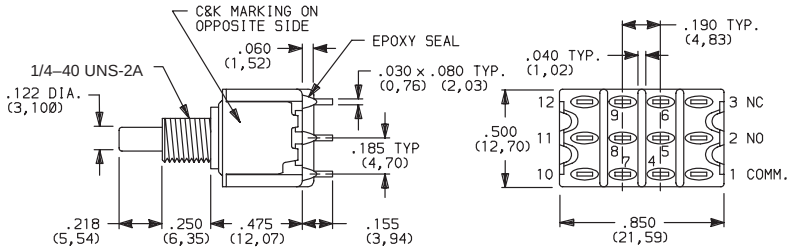
NOTE: For PC termination, replace 'Z' with 'C'. For panel mounting information, see page B-31. For PC mounting information, see page B-32.

SWITCHES WITH STANDARD OPTIONS

PART NUMBER	FUNCTION	POS. 1	POS. 2
8421SHZGE	4PDT	ON	MOM.
8425SHZBE		ON	MOM.

MOM. = Momentary

NOTE: For PC termination, replace 'Z' with 'C'.
For panel mounting information, see page B-31.
For PC mounting information, see page B-32.



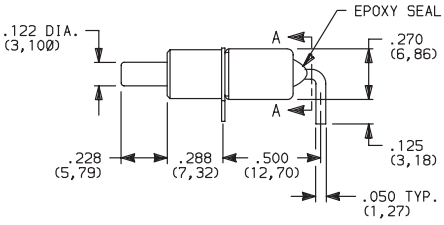


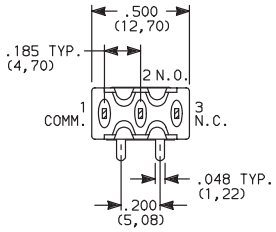
8421SHZGE
4PDT

PART NUMBER	FUNCTION	POS. 1	POS. 2
8121SD9AGE	SPDT	ON	MOM.
8125SD9ABE		ON	MOM.

MOM. = Momentary

NOTE: For PC mounting information, see page B-32.





SECTION A-A

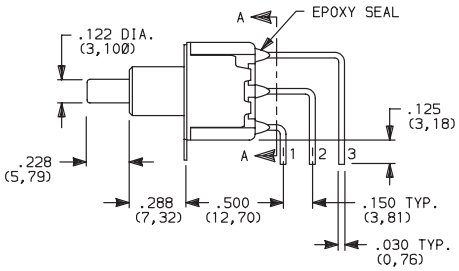


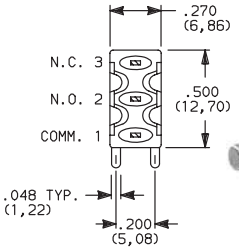
8121SD9AGE
SPDT

PART NUMBER	FUNCTION	POS. 1	POS. 2
8121SD9AV2GE	SPDT	ON	MOM.
8125SD9AV2BE		ON	MOM.

MOM. = Momentary

NOTE: For PC mounting information, see page B-35.



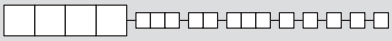


SECTION A-A



8121SD9AV2GE
SPDT

SWITCH FUNCTION



NO. POLES	MODEL NO.	UL/CSA* MODEL NO.	SWITCH FUNCTION POS. 1	SWITCH FUNCTION POS. 2	CONNECTED TERMINALS POS. 1	CONNECTED TERMINALS POS. 2	SCHEMATIC
SP	8121 (STD.)	U811	ON	MOM.	1-3	1-2	SPDT
	8125 (STD.)		ON	MOM.			
DP	8221 (STD.)	U821	ON	MOM.	1-3,4-6	1-2,4-5	DPDT
	8225		ON	MOM.			
3P	8321	U831	ON	MOM.	1-3,4-6,7-9	1-2,4-5,7-8	3PDT
	8325		ON	MOM.			
4P	8421	U841	ON	MOM.	1-3,4-6,7-9,10-12	1-2,4-5,7-8,10-11	4PDT
	8425		ON	MOM.			

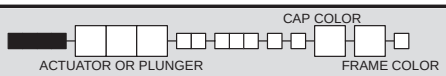
MOM. = Momentary

* U811 thru U841 model numbers with all options (except R, R2 terminations) when ordered with G or L contact material.

8X25 models must be ordered with B or K contact material.

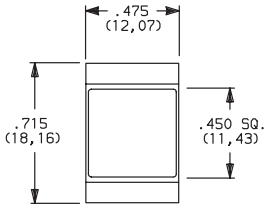
8X21 and U8X1 models must be ordered with G or L contact material.

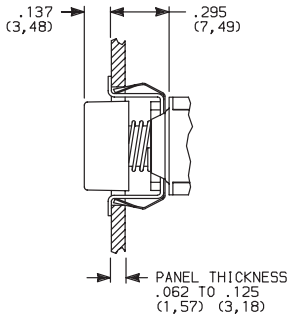
ACTUATOR—SNAP-IN FRONT MOUNT



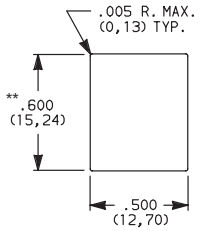
J80 SNAP-IN







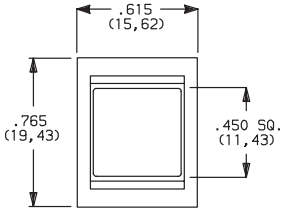
PANEL MOUNTING

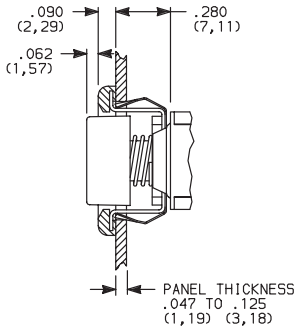


NOTE: No frame color choice required.

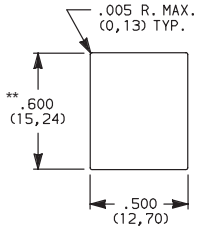
J81 SNAP-IN WITH FRAME





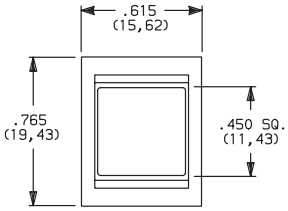


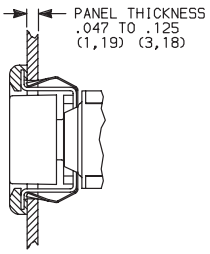
PANEL MOUNTING



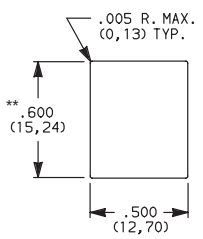
J83 SNAP-IN WITH FRAME AND FLUSH CAP







PANEL MOUNTING



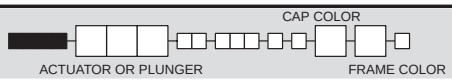
OPTION CODE	CAP AND FRAME COLOR
2	**(STD.) BLACK**
NONE	No Frame Color (J80 option)
1	WHITE
3	RED

Other colors available, consult Customer Service Center.
Cap and Fame Finish: matte.

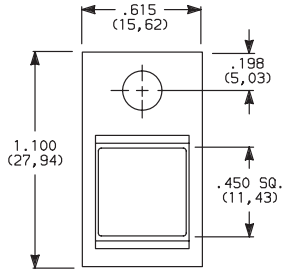
NOTE: Available with C, W-W4, Z or Z3 terminations and SPDT and DPDT models only.

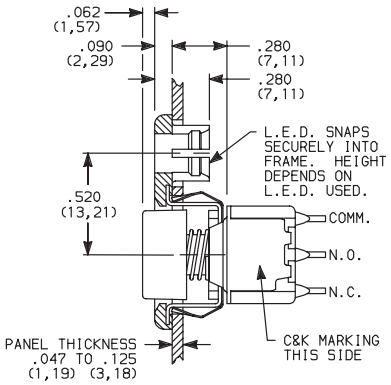
** Increase this dim. to .620/.625 (15,75/15,88) for .091/.125 (2,31/3,18) thk. panels.

ACTUATOR—SNAP-IN FRONT MOUNT

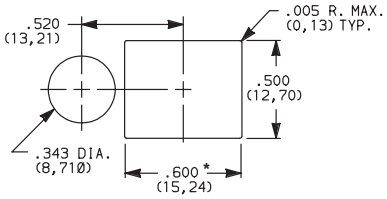


J82 SNAP-IN WITH FRAME AND LED





PANEL MOUNTING

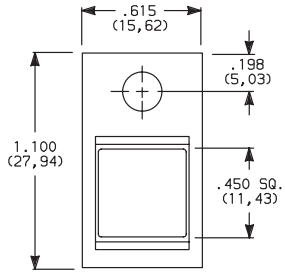


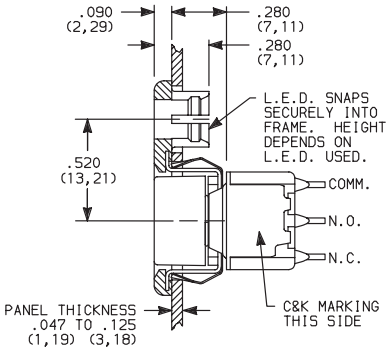


* Increase this dim. to .620/.625 (15,75/15,88) for .091/.125 (2,31/3,18) thk. panels.

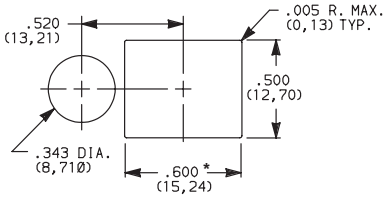
LED not included.
For LED information, see page L-30.

J84 SNAP-IN WITH FRAME, FLUSH CAP AND LED





PANEL MOUNTING





* Increase this dim. to .620/.625 (15,75/15,88) for .091/.125 (2,31/3,18) thk. panels.

LED not included.
For LED information, see page L-30.

OPTION CODE	CAP AND FRAME COLOR
2	**(STD.) BLACK**
1	WHITE
3	RED

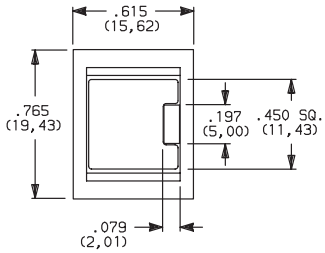
Other colors available, consult Customer Service Center.
Cap and frame finish: matte.

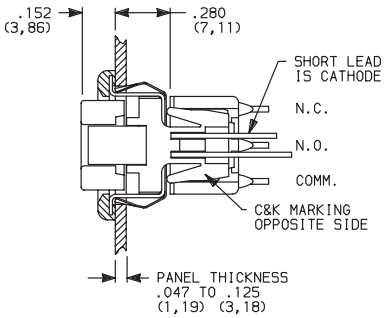
NOTE: Available with C, W-W4, Z or Z3 terminations and SPDT and DPDT models only.

ACTUATOR—SNAP-IN FRONT MOUNT

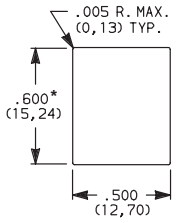


J85 SNAP-IN WITH FRAME AND LED





PANEL MOUNTING



* Increase this dim. to .620/.625 (15,75/15,88) for .091/.125 (2,31/3,18) thk. panels.



OPTION CODE	CAP AND FRAME COLOR
2	**(STD.) BLACK**
1	WHITE
3	RED

NOTE: Available with C, W-W4, Z or Z3 terminations and SPDT models only.
For LED information, see page L-30.

OPTION CODE	LED COLOR
3	**(STD.) RED**
5	YELLOW
6	GREEN

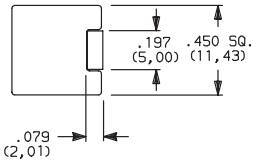
Other colors available, consult Customer Service Center.
Cap and frame finish: matte.

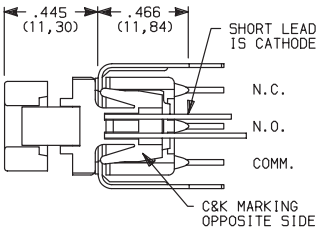
ACTUATOR—PC MOUNT



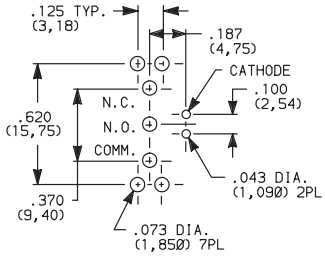
J95 PC WITH V-BRACKET AND LED







PC MOUNTING



OPTION CODE	CAP COLOR
2	(STD.) BLACK
1	WHITE
3	RED

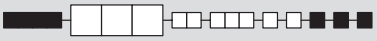
OPTION CODE	LED COLOR
3	(STD.) RED
5	YELLOW
6	GREEN

Cap Finish: matte. Other colors available, consult Customer Service Center.

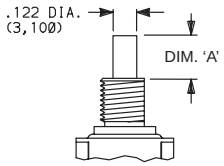
NOTE: Available with V3 terminations and SPDT models only.

For LED information, see page L-30.

PLUNGER



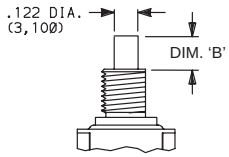
S (STD.) PLUNGER



NONE NO PLUNGER CHOICE REQUIRED (JXX ACTUATORS)

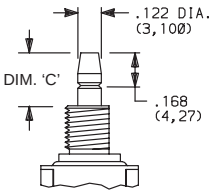
AVAILABLE BUSHINGS	DIM. 'A' FOR C, W-W4, Z & Z3 TERMINATIONS	DIM. 'A' FOR A, A2, A3, A4, A6, AV1-AV4, AW-AW4, R & R2 TERMINATIONS	DIM. 'A' FOR V2-V91 TERMINATIONS
D, D9	.244 (6,20)	.228 (5,79)	.224 (5,69)
H, H9	.218 (5,54)	.202 (5,13)	.198 (5,03)
Y, Y9	.203 (5,16)	.187 (4,75)	.183 (4,65)
Y3	(5,54)	(5,13)	(5,03)
Y4	.185 (4,70)	.169 (4,29)	.165 (4,19)
D2, D8	N/A	.232 (5,89)	.228 (5,79)
D3	.178 (4,52)	.162 (4,11)	.158 (4,01)

L PLUNGER



AVAILABLE BUSHINGS	DIM. 'B' FOR C, W-W4, Z & Z3 TERMINATIONS	DIM. 'B' FOR A, A2, A3, A4, A6, AV1-AV4, AW-AW4, R & R2 TERMINATIONS	DIM. 'B' FOR V2-V91 TERMINATIONS
Y, Y9	.178 (4,52)	.162 (4,11)	.158 (4,01)
Y4	.090 (2,29)	.074 (1,88)	.070 (1,78)

M SNAP-FITTING PLUNGER



AVAILABLE BUSHINGS	DIM. 'C' FOR C, W-W4, Z & Z3 TERMINATIONS	DIM. 'C' FOR A, A2, A3, A4, A6, AV1-AV4, AW-AW4, R & R2 TERMINATIONS	DIM. 'C' FOR V2-V91 TERMINATIONS
D, D9	.297 (7,54)	.281 (7,14)	.277 (7,04)
H, H9	.267 (6,78)	.251 (6,38)	.247 (6,27)
Y, Y9	.259 (6,58)	.243 (6,17)	.239 (6,07)
Y3	(6,78)	(6,37)	(6,27)
Y4	.259 (6,58)	.243 (6,17)	.239 (6,07)
D2, D8	N/A	.273 (6,93)	.269 (6,83)
D3	.377 (9,58)	.361 (9,17)	.357 (9,07)

N/A = NOT AVAILABLE

NOTE: When selecting plunger option, bushing selection must also be made, see next page. No plunger option is required when any JXX actuator option is selected. Additional plunger lengths are available on SPDT and DPDT models, consult Customer Service Center. Not all plunger lengths sufficient for use with caps. See cap dimensions, pages L-8 thru L-10.

BUSHING

NONE NO BUSHING CHOICE REQUIRED (JXX ACTUATORS)

D .280" HIGH THREADED, KEYWAY

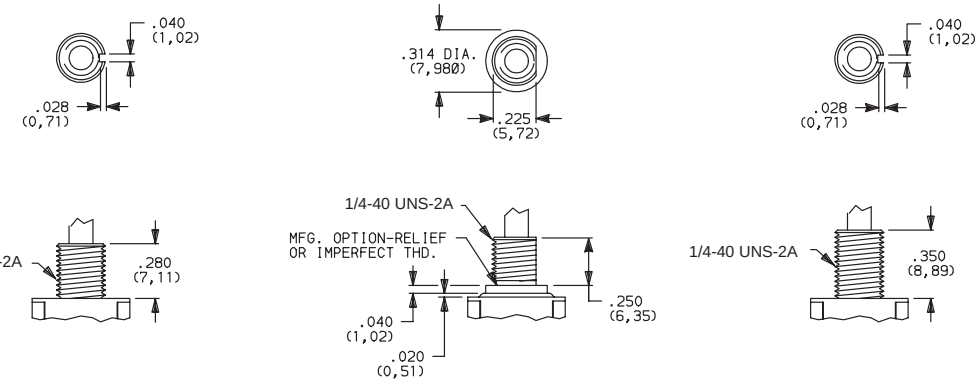
D9 **(STD.) .280" HIGH UNTHREADED, KEYWAY**

H **(STD.) .250" HIGH THREADED, FLAT**

H9 .250" HIGH UNTHREADED, FLAT

Y .350" HIGH THREADED, KEYWAY

Y9 .350" HIGH UNTHREADED, KEYWAY



D9 bushing standard with A-A6, R, R2 AV1-AV3 terminations.

H bushing standard with C, W-W4, Z or Z3 terminations. H, H9 bushings not available on single pole models with A3-A6, R, R2 terminations.

Will withstand 12 in./lbs. of torque with no distortion.

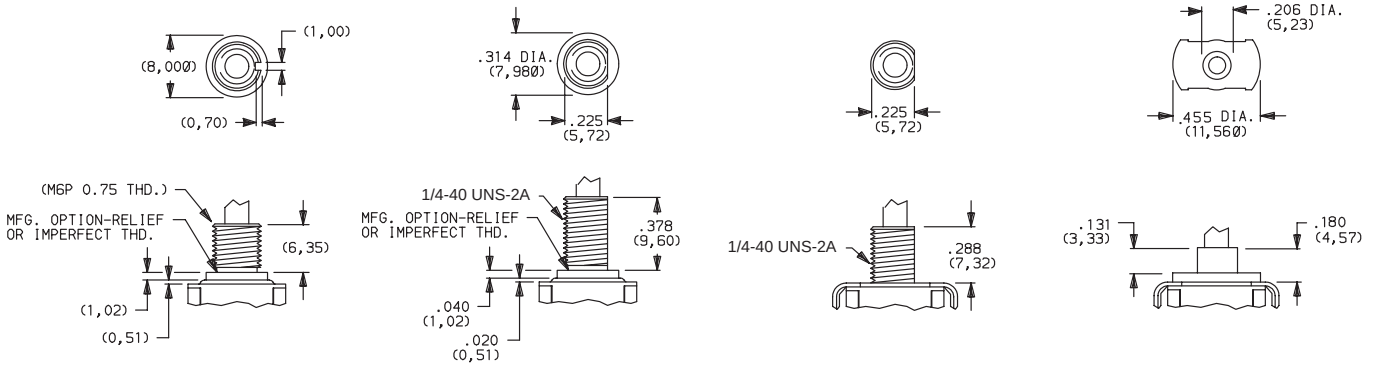
Y3 6.35mm THREADED, KEYWAY

Y4 .375" HIGH THREADED, FLAT

D2 .288" HIGH THREADED, FLAT

D8 .288" HIGH UNTHREADED, FLAT

D3 .180" HIGH UNTHREADED



Y3 & Y4 bushings not available on single pole models with A3-A6, R, R2 terminations. Will withstand 12 in./lbs. of torque with no distortion.

D2, D8 bushings not available with C, W-W4, Z, Z3 terminations.

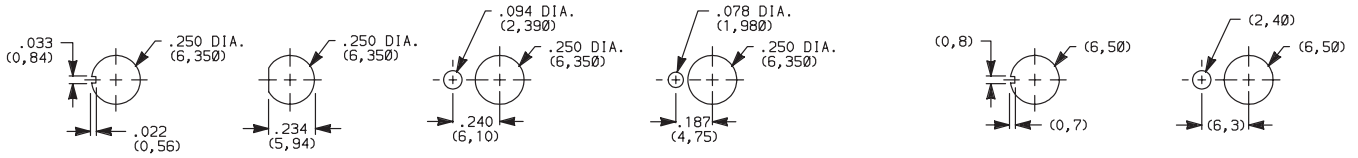
D3 bushing standard with V2-V91 terminations.

NOTE: No bushing option choice required when JXX actuator option is selected. When selecting bushing option, plunger selection must also be made, see previous page. Plunger lengths vary with bushing and termination options selected.

PANEL MOUNTING

1/4 INCH BUSHING

METRIC BUSHING

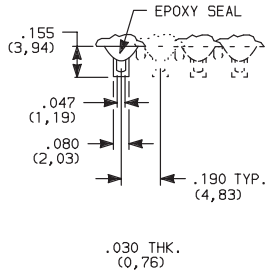


Without locking ring | With standard locking ring | With small locking ring | Without locking ring | With locking ring

NOTE: Two mounting nuts, locking ring and lockwasher supplied standard with threaded bushings. Optional mounting nut and locking ring styles available, see section L.

TERMINATIONS

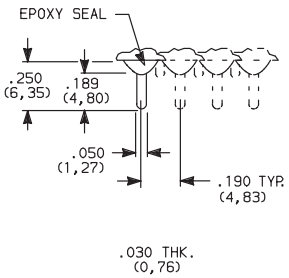
Z (STD.) SOLDER LUG



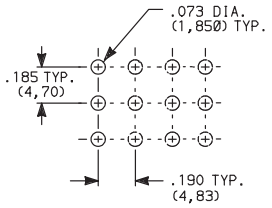
SPDT thru 4PDT

Not available with J95 actuator, K or L contact material.

C (STD.) PC THRU-HOLE



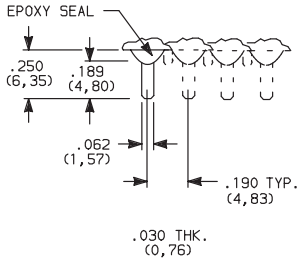
PC MOUNTING



SPDT thru 4PDT

Not available with J95 actuator option.

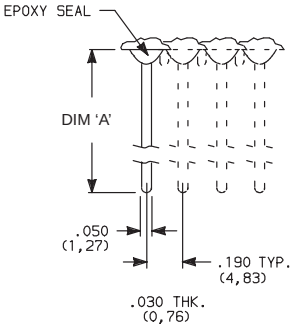
Z3 QUICK CONNECT



SPDT thru 4PDT

Not available with J95 actuator, K or L contact material. Mating quick connector available, order part number 530100000.

W, W1, W3, W4 WIRE WRAP



OPTION CODE	DIM 'A'
W	.750 (19,05)
W1	.964 (24,49)
W3	.425 (10,80)
W4	1.062 (26,97)

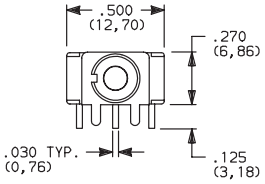
SPDT thru 4PDT

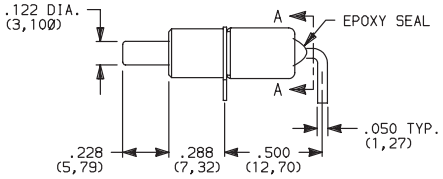
Not available with J95 actuator option.

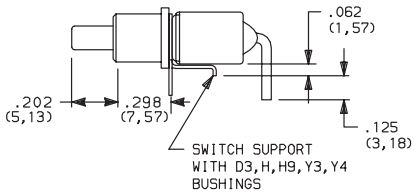
A (STD.) RIGHT ANGLE, PC THRU-HOLE

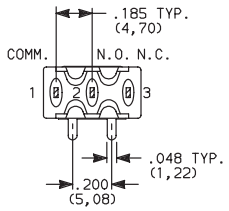


8121SD9AGE
SPDT







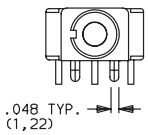


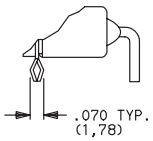
SECTION A-A

Terminal Nos.
For Reference Only.

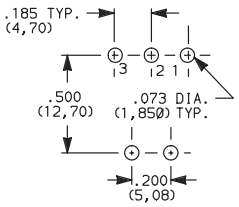
Part Number 8121SH9AGE

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





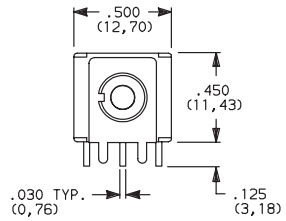
PC MOUNTING

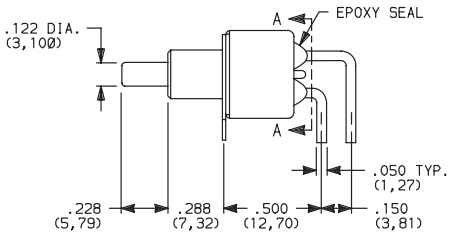


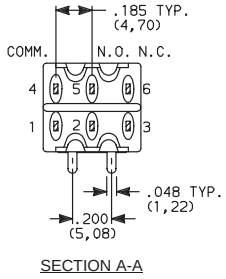
Not available with JXX actuators and I seal.
Terminal bend radii and lead-in manufacturing option.

TERMINATIONS

A (STD.) RIGHT ANGLE, PC THRU-HOLE





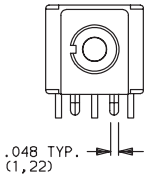


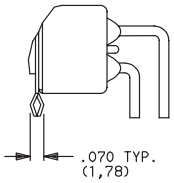
SECTION A-A



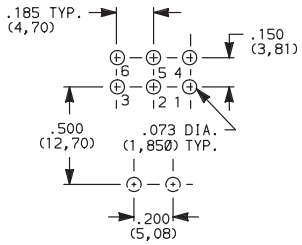
8221SD9AGE
DPDT

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



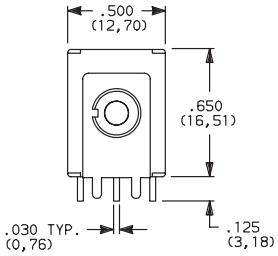


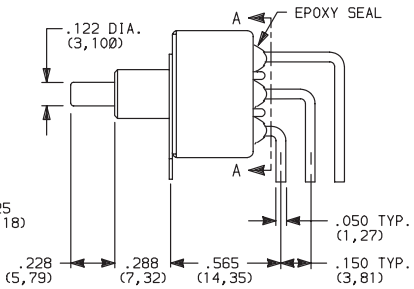
PC MOUNTING

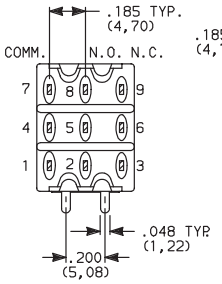


Not available with JXX actuators and I seal option.
Terminal bend radii and lead-in manufacturing option.

A (STD.) RIGHT ANGLE, PC THRU-HOLE

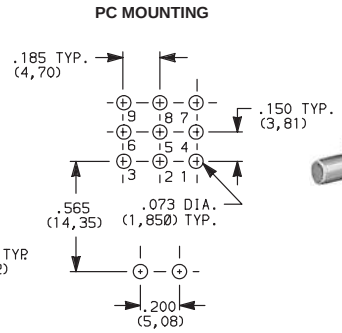


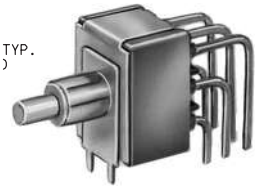




SECTION A-A

PC MOUNTING

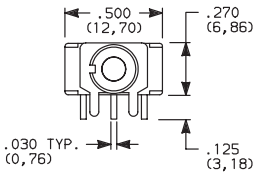


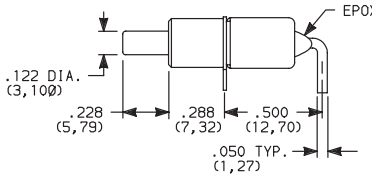


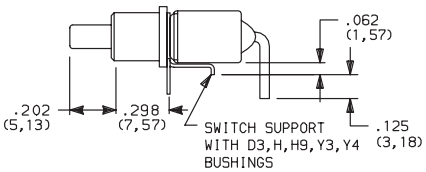
8321SD9AGE
3PDT

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

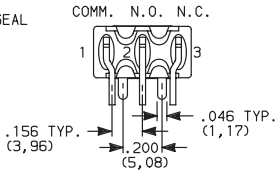
A2 RIGHT ANGLE, PC THRU-HOLE



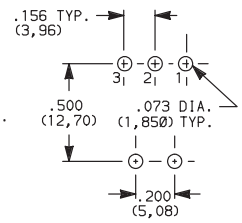




Part Number 8121SH9A2GE



PC MOUNTING





8121SD9A2GE
SPDT

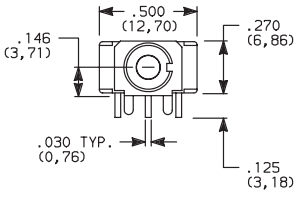
Not available with JXX actuators, I seal option.
Terminal bend radii and lead-in manufacturing option.

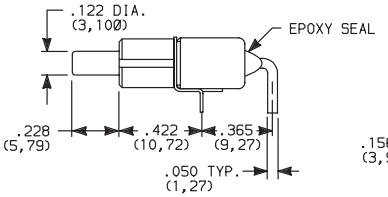
TERMINATIONS

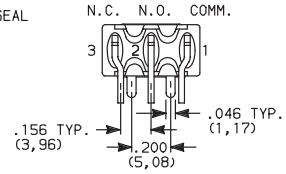
A4 RIGHT ANGLE, PC THRU-HOLE



8121SD9A4GE
SPDT

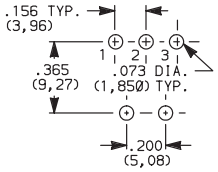






Reversed terminals

PC MOUNTING



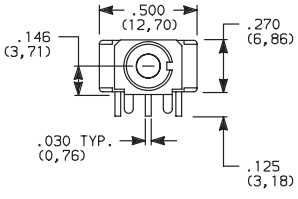
Not available with JXX actuators, D3, H, H9, Y3, Y4 bushings and I seal.
Terminal bend radii and lead-in manufacturing option.

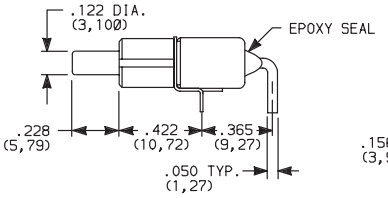
The A4 and R2 termination options are functionally identical and fit the same PC mounting pattern. The switches, however, are shifted relative to the mounting holes. The PC pattern must clear the switch support legs. Unlike the R2, the A4 option is available with UL/CSA.

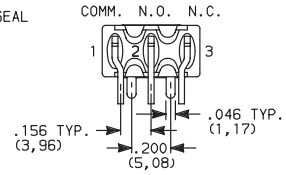
A6 RIGHT ANGLE, PC THRU-HOLE



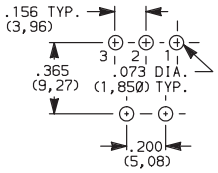
8121SD9A6GE
SPDT







PC MOUNTING



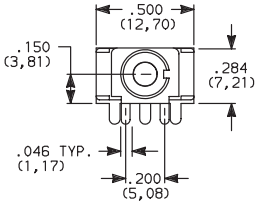
Not available with JXX actuators, D3, H, H9, Y3, Y4 bushings and I seal.
Terminal bend radii and lead-in manufacturing option.

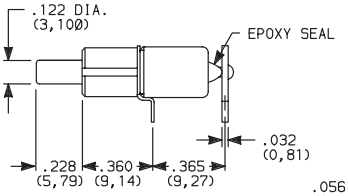
The A6 and R termination options are functionally identical and fit the same PC mounting pattern, The switches, however, are shifted relative to the mounting holes. The PC pattern must clear the switch support legs. Unlike the R, the A6 option is available with UL/CSA.

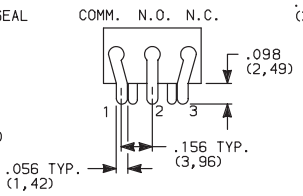
R RIGHT ANGLE WITH PCB



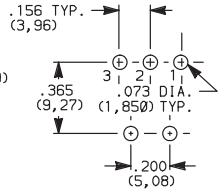
8121SD9RGE
SPDT







PC MOUNTING

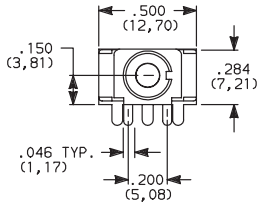


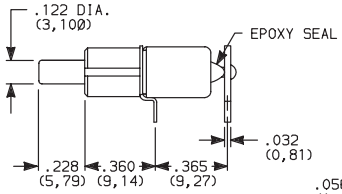
Not available with JXX actuators, D3, H, H9, Y3, Y4 bushings, I seal option.
R termination not UL/CSA approved.

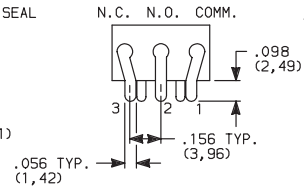
R2 RIGHT ANGLE WITH PCB



8121SD9R2GE
SPDT

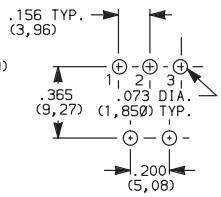






Reversed terminals

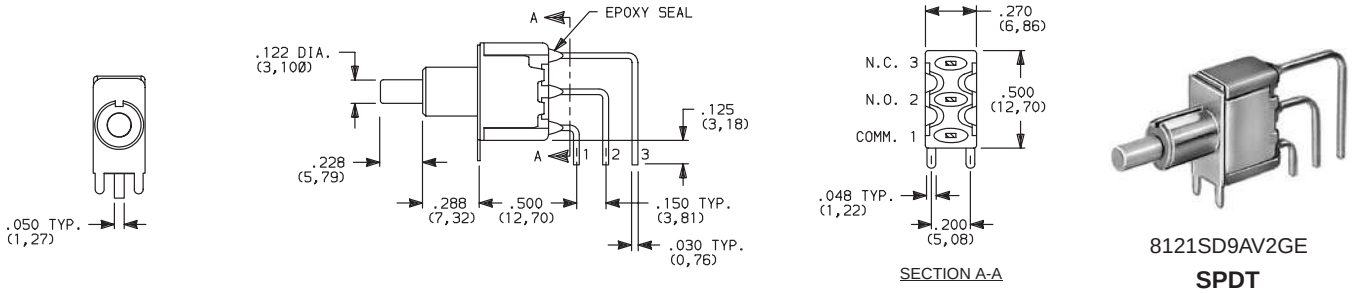
PC MOUNTING



Not available with JXX actuators, D3, H, H9, Y3, Y4 bushings, I seal option.
R2 termination not UL/CSA approved.

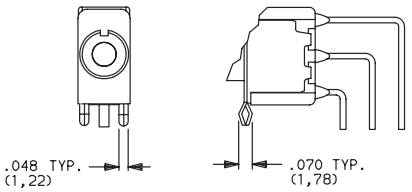
TERMINATIONS

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

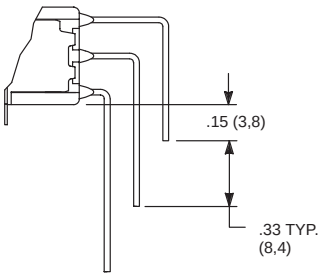


8121SD9AV2GE
SPDT

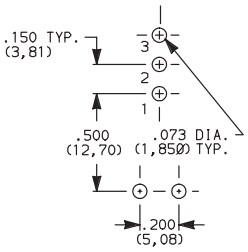
AV3 VERTICAL RIGHT ANGLE, SNAP-IN,, PC THRU-HOLE, .150" PITCH



AV1 VERTICAL RIGHT ANGLE, EXTENDED, PC THRU-HOLE, .150" PITCH

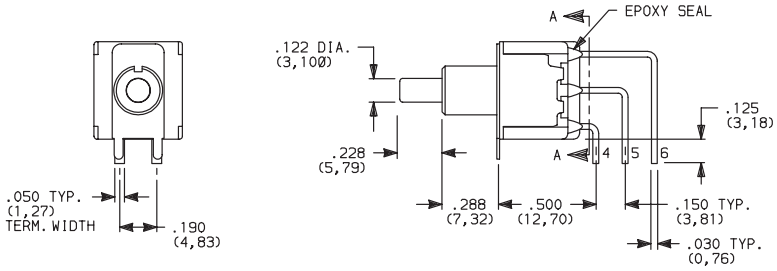


PC MOUNTING



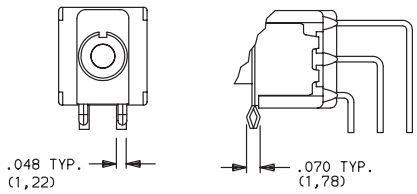
Not available with JXX actuators and I seal.
Terminal bend radii and lead-in manufacturing option.

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

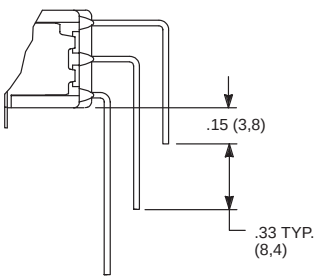


8221SD9AV2GE
DPDT

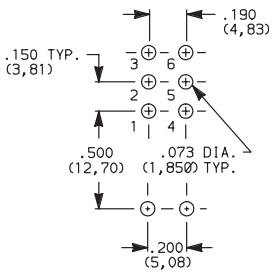
AV3 VERTICAL RIGHT ANGLE, SNAP-IN, PC THRU-HOLE, .150" PITCH



AV1 VERTICAL RIGHT ANGLE, EXTENDED, PC THRU-HOLE, .150" PITCH



PC MOUNTING



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

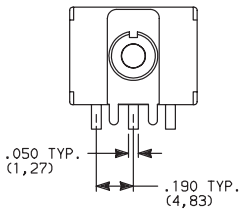
TERMINATIONS

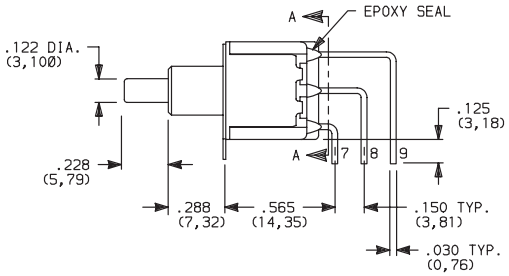
AV2 (STD.) VERTICAL RIGHT ANGLE, PC THRU-HOLE, 150" PITCH

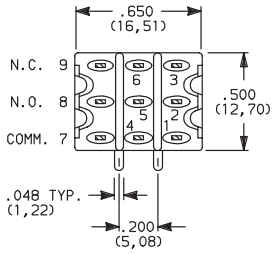


8321SD9AV2GE

3PDT

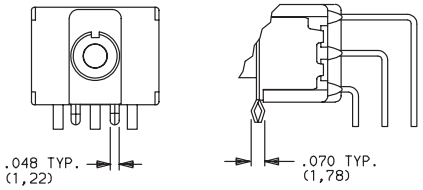




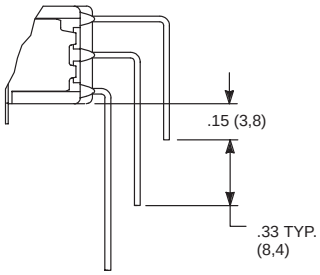


SECTION A-A

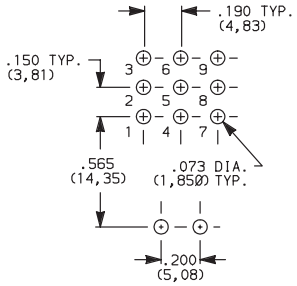
AV3 VERTICAL RIGHT ANGLE, SNAP-IN, PC THRU-HOLE, .150" PITCH



AV1 VERTICAL RIGHT ANGLE, EXTENDED, PC THRU-HOLE, .150" PITCH

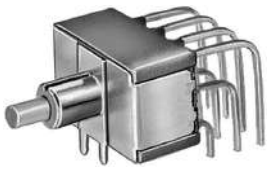


PC MOUNTING



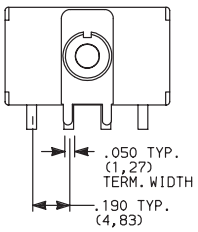
Not available with JXX actuators and I seal.
Terminal bend radii and lead-in manufacturing option.

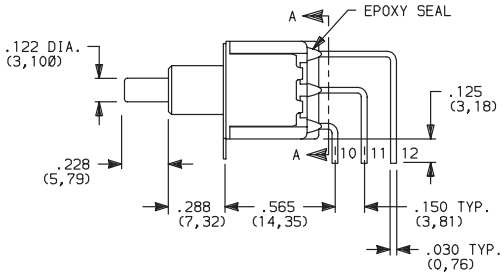
AV2 (STD.) VERTICAL RIGHT ANGLE, PC THRU-HOLE, 150" PITCH

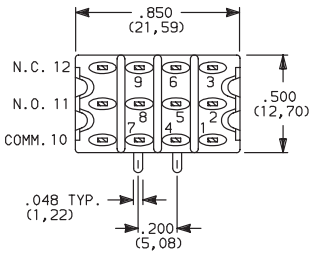


8421SD9AV2GE

4PDT

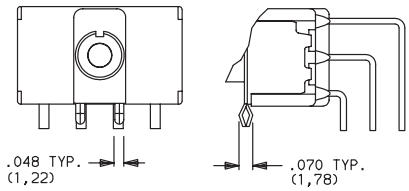




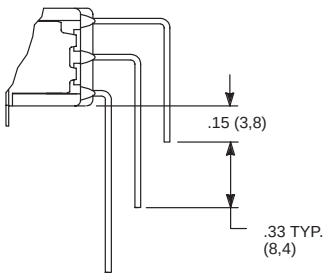


SECTION A-A

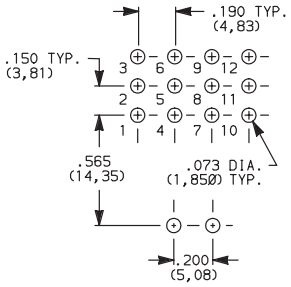
AV3 VERTICAL RIGHT ANGLE, SNAP-IN, PC THRU-HOLE, .150" PITCH



AV1 VERTICAL RIGHT ANGLE, EXTENDED, PC THRU-HOLE, .150" PITCH



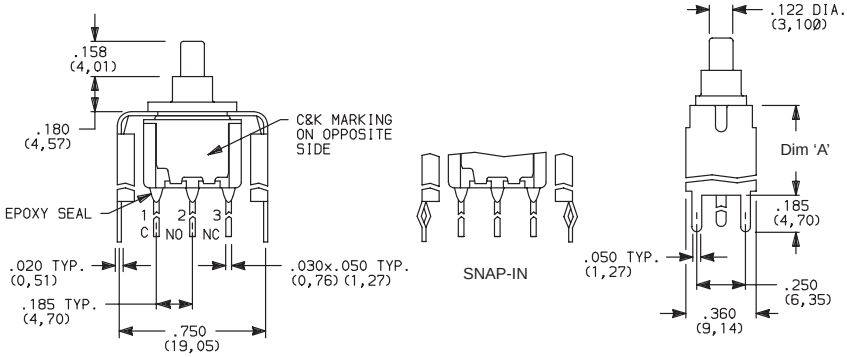
PC MOUNTING



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

TERMINATIONS

V6, V7, V8 VERTICAL MOUNT, V-BRACKET
V61 VERTICAL MOUNT, V-BRACKET, SNAP-IN





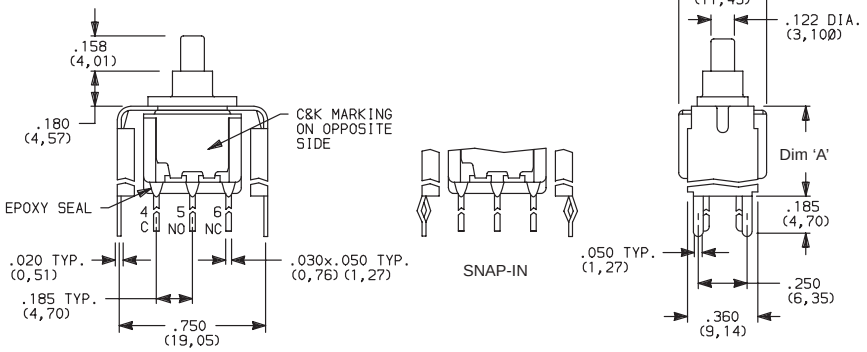
8121SD3__GE

SPDT

OPTION CODE	DIM 'A'
V6, V61	.460 (11, 68)
V7	.630 (16, 00)
V8	.953 (24, 21)

Not available with JXX actuators and I seal.

V6, V7, V8 VERTICAL MOUNT, V-BRACKET
V61 VERTICAL MOUNT, V-BRACKET, SNAP-IN





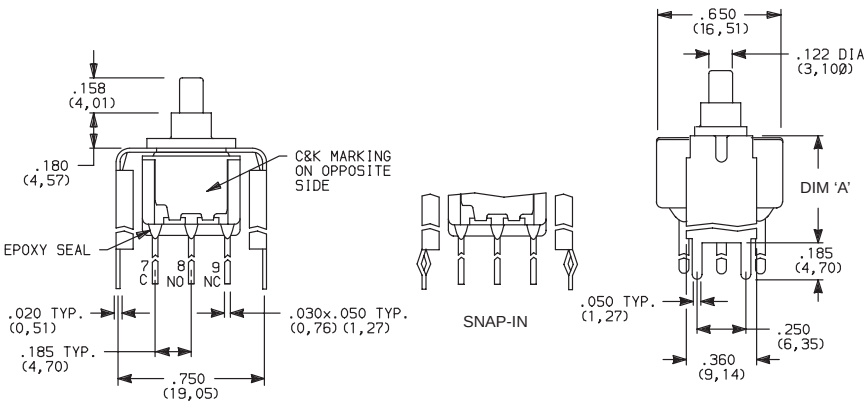
8221SD3__GE

DPDT

OPTION CODE	DIM 'A'
V6, V61	.460 (11, 68)
V7	.630 (16, 00)
V8	.953 (24, 21)

Not available with JXX actuators and I seal.

V7, V8 VERTICAL MOUNT, V-BRACKET





8321SD3__GE

3PDT

OPTION CODE	DIM 'A'
V7	.630 (16, 00)
V8	.953 (24, 21)

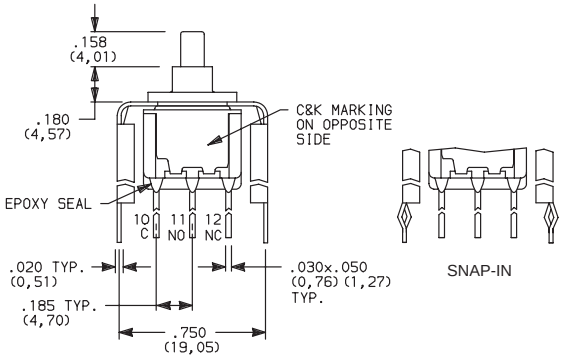
Not available with JXX actuators and I seal.

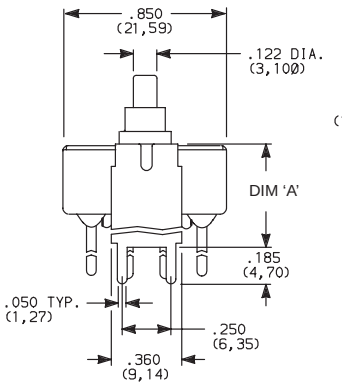
TERMINATIONS

V7, V8 VERTICAL MOUNT, V-BRACKET

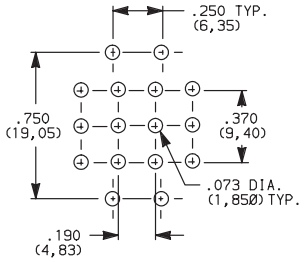


8421SD3__GE
4PDT





PC MOUNTING



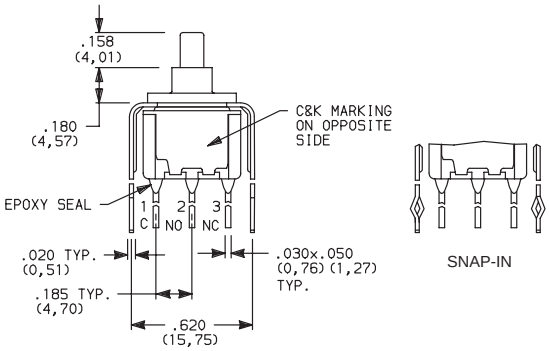
OPTION CODE	DIM 'A'
V7	.630 (16, 00)
V8	.953 (24, 21)

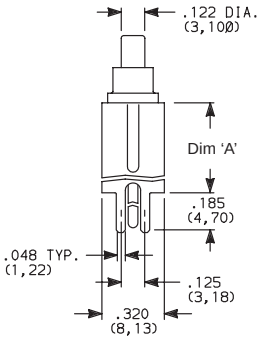
Not available with JXX actuators and I seal.

V3, V4 VERTICAL MOUNT, V-BRACKET
V31, V41 VERTICAL MOUNT, V-BRACKET, SNAP-IN

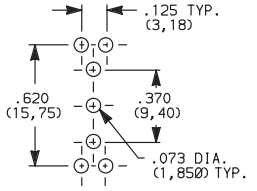


8121SD3__GE
SPDT





PC MOUNTING



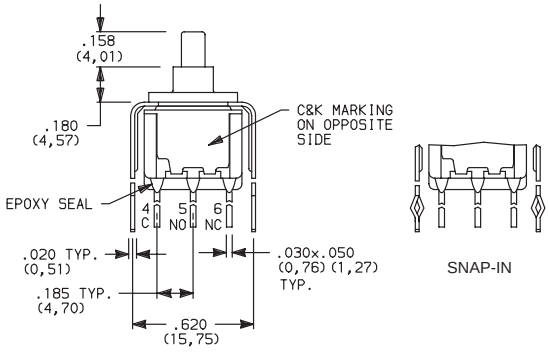
OPTION CODE	DIM 'A'
V3, V31	.460 (11,68)
V4, V41	.630 (16,00)

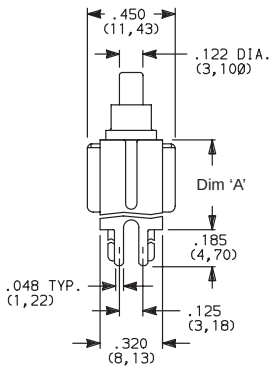
Not available with J8X actuators and I seal.

V3, V4 VERTICAL MOUNT, V-BRACKET
V31, V41 VERTICAL MOUNT, V-BRACKET, SNAP-IN

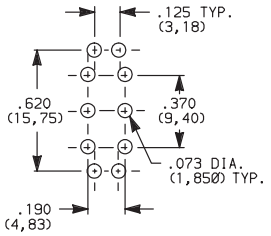


8221SD3__GE
DPDT





PC MOUNTING

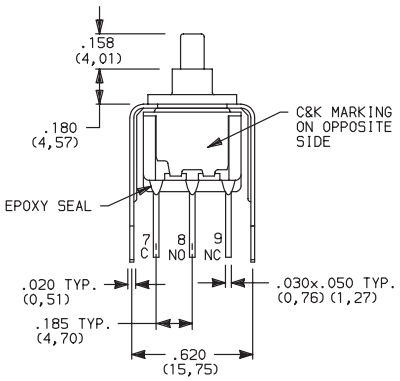


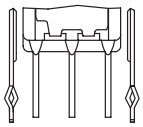
OPTION CODE	DIM 'A'
V3, V31	.460 (11,68)
V4, V41	.630 (16,00)

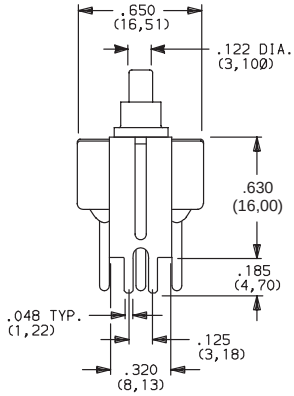
Not available with J8X actuators and I seal.

TERMINATIONS

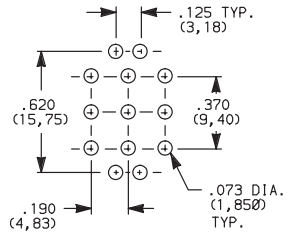
V4 VERTICAL MOUNT, V-BRACKET
V41 VERTICAL MOUNT, V-BRACKET, SNAP-IN







PC MOUNTING

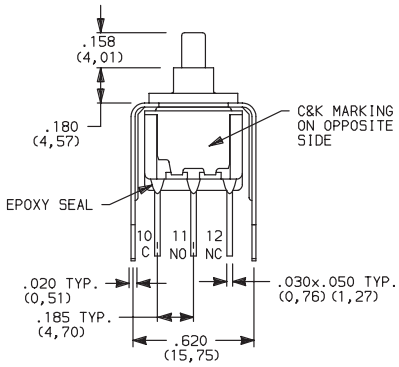


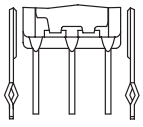


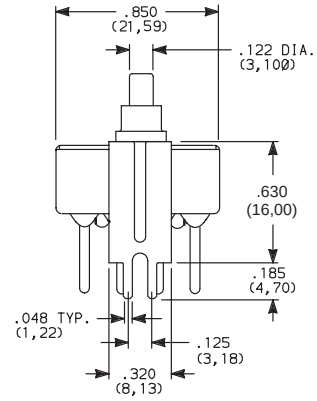
8321SD3__GE
3PDT

Not available with JXX actuators and I seal.

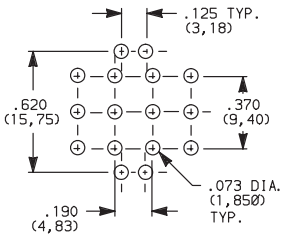
V4 VERTICAL MOUNT, V-BRACKET
V41 VERTICAL MOUNT, V-BRACKET, SNAP-IN







PC MOUNTING





8421SD3__GE
4PDT

Not available with JXX actuators and I seal.

CONTACT MATERIAL

OPTION CODE	CONTACT MATERIAL	TERMINAL PLATING	RATINGS	
B (STD.)	GOLD [1]	GOLD [1]	LOW LEVEL/DRY CIRCUIT	8X25 MODELS ONLY: 0.4 VA MAX. @ 20 V AC OR DC MAX.
K		TIN-LEAD [4]		
G (STD.)	GOLD OVER SILVER [2,3]	GOLD [3]	LOW LEVEL/DRY CIRCUIT OR POWER	8X21, U8X1 MODELS ONLY: 0.4 VA MAX @ 20 V AC OR DC MAX. OR 1 AMP @ 120 V AC OR 28 V DC;
L		TIN-LEAD [4]		

CONTACT MATERIAL/APPLICATION RECOMMENDATIONS–SEE CHART, PAGE L-31.

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

[2] N.O. & N.C. CONTACTS: Coin silver, with gold plate over nickel plate.

[3] COMMON CONTACTS & ALL TERMINALS: Copper alloy, with gold plate over nickel plate.

[4] TERMINALS: Copper alloy, with tin-lead alloy over nickel plate.

U811-U841 models ® with all options (except R, R2 terminations) when ordered with mandatory G or L contact material.

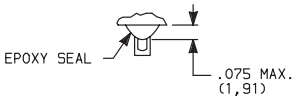
B or K contact material must be ordered with 8X25 models.

G or L contact material must be ordered with 8X21, U8X1 models.

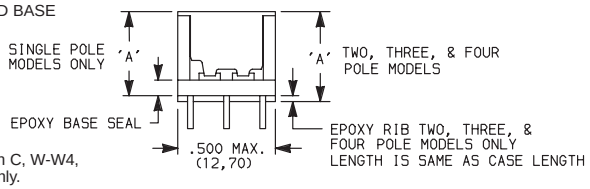
K and L contact material not available with Z, Z3 terminations.

SEAL

E **(STD.) EPOXY SEAL**



I EPOXY POTTED BASE



NOTE: Available with C, W-W4, Z, Z3 terminations only.

NO. POLES	DIM 'A'
SP	.410 (10,41)
DP	.440 (11,18)
3P	.505 (12,83)
4P	.505 (12,83)