

J

- **Test & measurement equipment**
- **Telecommunications**
- **Computer & peripherals**



CASE: diallyl phthalate (DAP), (UL 94V-0).

ACTUATOR: Nylon, black, standard.

HOUSING: Stainless steel.

SWITCH SUPPORT: Brass or steel, matte-tin plated.

END CONTACTS: B contact material: Copper alloy, with gold plate over nickel plate. Q contact material: Coin silver, silver plated. See page I-16 for additional contact materials.

CENTER CONTACT & ALL TERMINALS: B contact material: Copper alloy, with gold plate over nickel plate. Q contact material: Copper alloy, silver plated. See page J-16 for additional contact materials.

TERMINAL SEAL: Epoxy. Refer to Soldering and Cleaning in Technical Data chapter

For information on specific and custom switches, consult Customer Service Center.

To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages J-12 through J-16. 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.

Switch Function

- 1101** SP On-None-On
- 1103** SP On-Off-On
- 1108** SP Mom-None-On
- 1201** DP On-None-On
- 1203** DP On-Off-On

Mounting Style

- M2** PC mount without tabs
- M1** Panel mount with tabs

Actuator

- S3** .200" high
- S1** .040" high
- S2** .140" high
- S4** .285" high
- S5** .370" high
- S6** .485" high
- T3** .200" high

Terminations

- A** Right angle, PC thru-hole
- C** PC Thru-hole
- AV2** Vertical right angle, PC thru-hole
- Z** Solder lug
- V3** V-bracket
- V4** V-bracket
- W** .750" long, wire wrap
- Z3** Quick connect

Contact Material

- B** Gold
- Q** Silver
- G** Gold over silver
- P** Gold, matte-tin
- S** Silver, matte-tin
- R** Gold over silver, matte-tin

Seal

- E** Epoxy
- D** No epoxy seal
- I** Epoxy potted base

Actuator Color

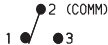
- 2** Black
- 1** White
- 3** Red

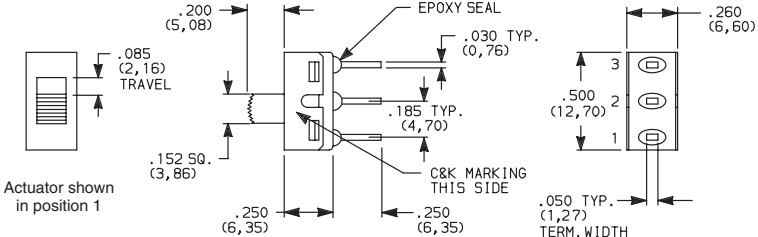


J-11

1000 Series Miniature Slide Switches

SWITCH FUNCTION

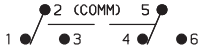
NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS			SCHEMATIC
		POS. 1	POS. 2	POS. 3	POS. 1	POS. 2	POS. 3	
SP	1101	ON	NONE	ON	1-2	N/A	2-3	
	1103	ON	OFF	ON		OPEN		
	1108	MOM.	NONE	ON		N/A		
SPDT								

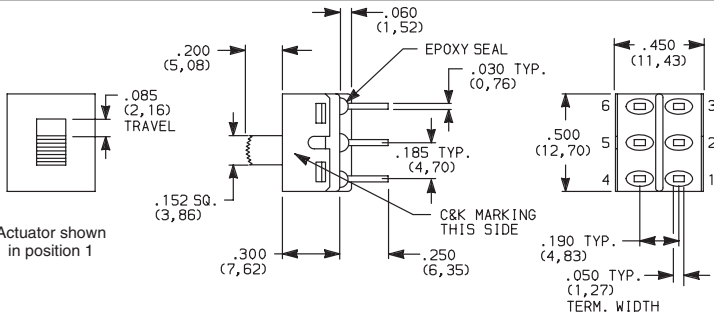


Actuator shown in position 1

Part number shown: 1101M2S3CQE2

Terminal Nos.
For Reference Only

DP	1201	ON	NONE	ON	2-1,5-4	OPEN	2-3,5-6	
	1203	ON	OFF	ON				
DPDT								



Actuator shown in position 1

Part number shown: 1201M2S3CQE2

Terminal Nos.
For Reference Only

MOM. = Momentary

All models with all options when ordered with G, L, M, Q, S or R contact material.

MOUNTING STYLE

M2 PC MOUNTING WITHOUT TABS

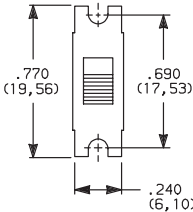


NOTE: Available with A, AV2, C, V3, V4, W terminations only.

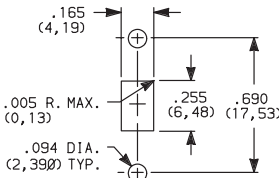
M1 PANEL MOUNTING WITH TABS



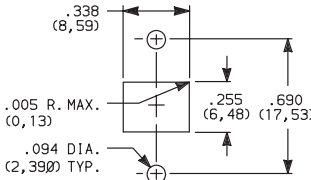
NOTE: Available with C, W, Z, Z3 terminations only.
No mounting hardware supplied.



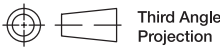
PANEL MOUNTING



All actuators except T3.
Single pole



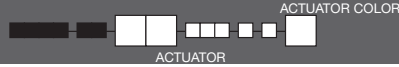
For T3 actuator only.
Double pole



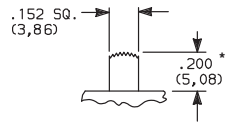
Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change

1000 Series Miniature Slide Switches

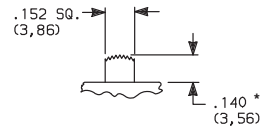
ACTUATOR



S3 .200" HIGH

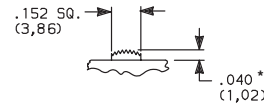


S2 .140" HIGH



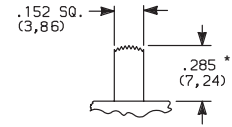
110X models only.

S1 .040" HIGH

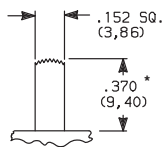


120X models only.

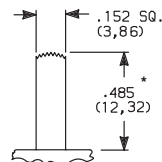
S4 .285" HIGH



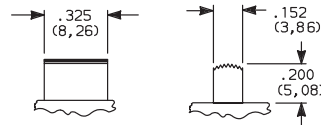
S5 .370" HIGH



S6 .485" HIGH



T3 .200" HIGH



120X models only.

OPTION CODE	ACTUATOR COLOR
2	BLACK
1	WHITE
3	RED
7	BLUE
9	GRAY

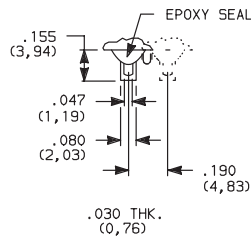
Other colors available, consult Customer Service Center.

* Subtract .014 (0,36) from actuator height, all models with A, AV2, V3, V4 terminations.

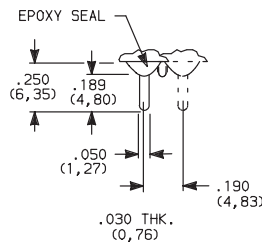
TERMINATIONS



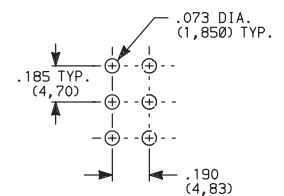
Z SOLDER LUG



C PC THRU-HOLE



PC MOUNTING

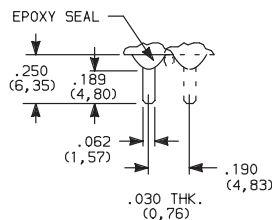


SPDT & DPDT

Not available with P, S or R contact materials.

SPDT & DPDT

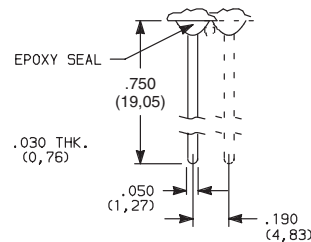
Z3 QUICK CONNECT



Not available with P, S or R contact materials. Mating quick connector available; order part number 530100000, page J-15.

SPDT & DPDT

W WIRE WRAP



SPDT & DPDT



Third Angle Projection

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

C&K

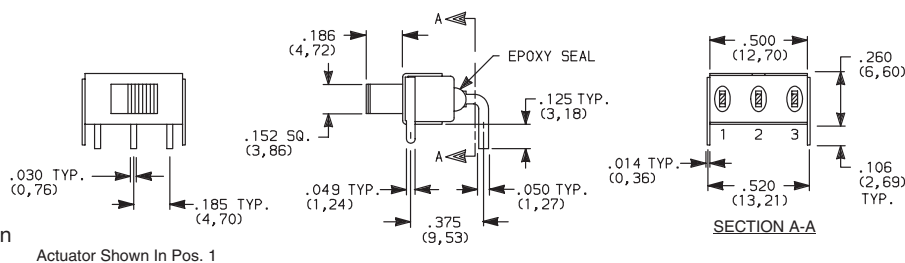
1000 Series Miniature Slide Switches

TERMINATIONS

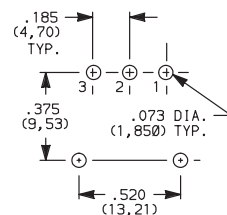
A RIGHT ANGLE, PC THRU-HOLE



1101M2S3ABE2
Horizontal Actuation
SPDT



PC MOUNTING

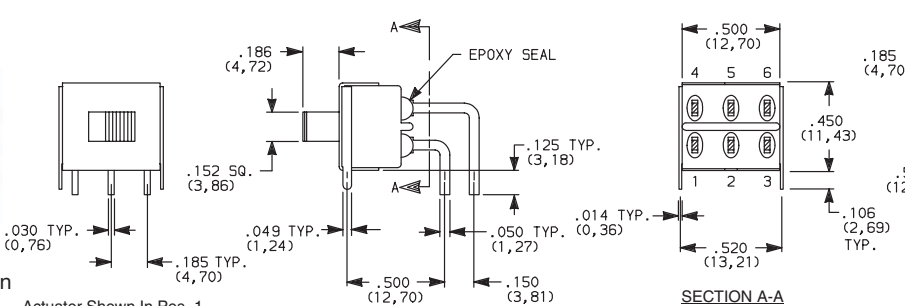


Not available with M1 mounting style, I seal option.
Terminal bend radii and lead-in manufacturing option.

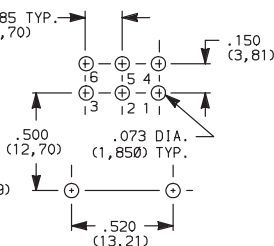
A RIGHT ANGLE, PC THRU-HOLE



1201M2S3ABE2
Horizontal Actuation
DPDT



PC MOUNTING

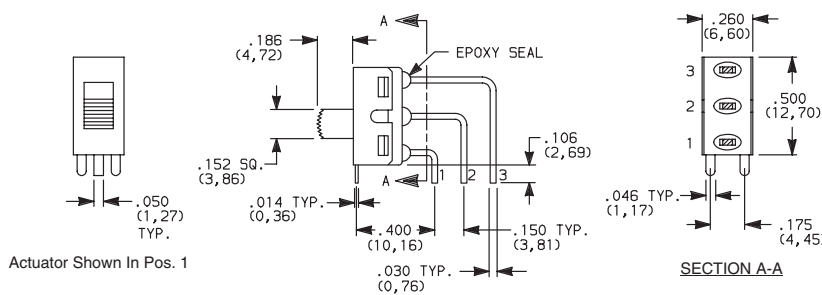


Not available with M1 mounting style, I seal option.
Terminal bend radii and lead-in manufacturing option.

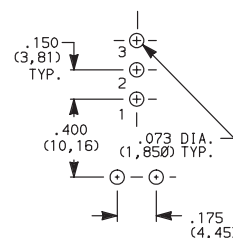
AV2 VERTICAL RIGHT ANGLE, PC THRU-HOLE, .150" PITCH



1101M2S3AV2BE2
Vertical Actuation
SPDT



PC MOUNTING



Not available with M1 mounting style, I seal option.
Terminal bend radii and lead-in manufacturing option.



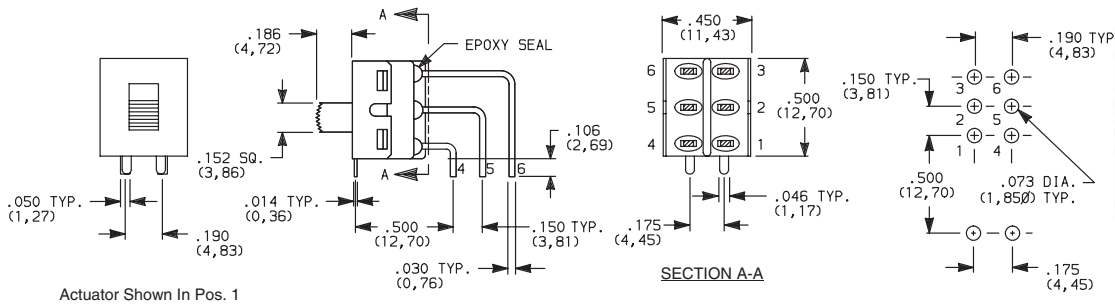
Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change

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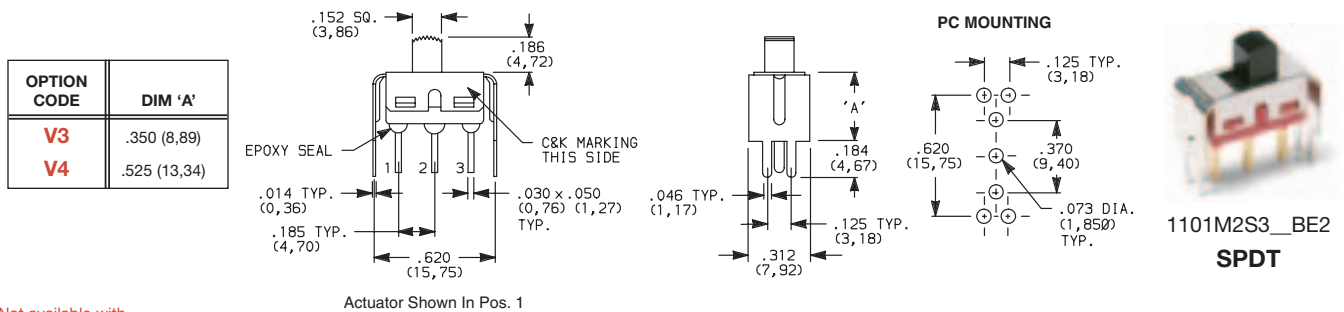
1000 Series Miniature Slide Switches

TERMINATIONS

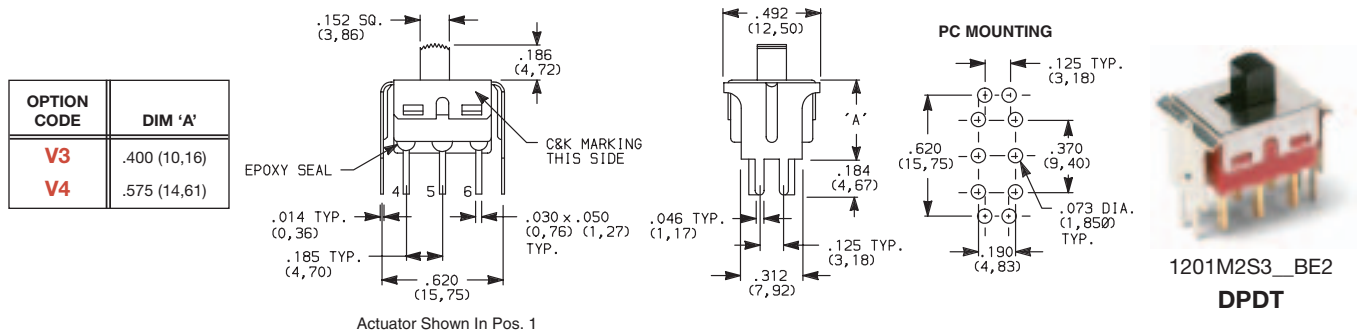
AV2 VERTICAL RIGHT ANGLE, PC THRU-HOLE,
.150" PITCH



V3, V4 VERTICAL MOUNT,
V-BRACKET



V3, V4 VERTICAL MOUNT,
V-BRACKET



C&K



Third Angle
Projection

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

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1000 Series Miniature Slide Switches

CONTACT MATERIAL

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

* 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 over nickel plate.

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

All models   with all options when ordered with G, L, M, Q, S or R contact material.

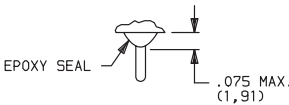
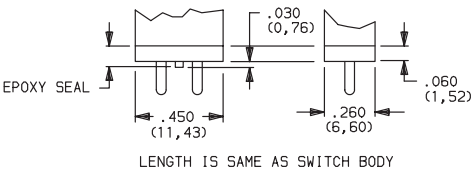
B contact material standard with all terminations except C, Z, Z3..

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

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

K, L and M options represent Non RoHS tin lead product and are not recommended for new designs. For additional information please contact Customer Service.

SEAL

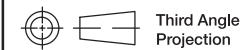
E EPOXY SEAL 	D NO EPOXY SEAL	I EPOXY POTTED BASE  NOTE: Available with C, W, W3, Z, Z3 terminations only.
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AVAILABLE HARDWARE

Fits Z3 Termination
female connector



PART NO.
530100000
Available in loose pieces.



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

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