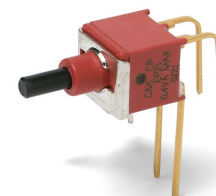


Pushbutton

- **Telecommunications and networking equipment**
- **Computers and peripherals**
- **Instrumentation and controls**

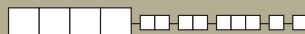


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EP Series Sealed Tiny Pushbutton Switches

SWITCH FUNCTION



NO. POLES	MODEL NO.	SWITCH FUNCTION		CONNECTED TERMINALS		SCHEMATIC
		POS. 1	POS. 2	POS. 1	POS. 2	
		C&K marking on opposite side		C&K marking on opposite side		
SP	EP11	OFF	MOM.	OPEN	1-3	SPST
	EP12	ON	MOM.	2-1	2-3	SPDT
SPDT Part number shown: EP12SD1CBE						
DP	EP21	OFF	MOM.	OPEN	1-3,4-6	DPST
DPST Part number shown: EP21SD1CBE						

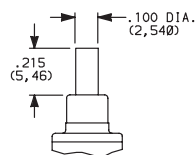
MOM. = Momentary

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

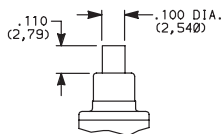
PLUNGER



S .215" HIGH

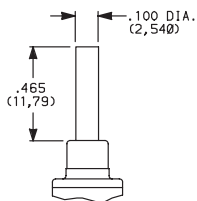


S1 .110" HIGH

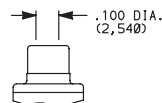


S1 & S2 actuators are not available with EP12 & EP21 models.

S2 .465" HIGH

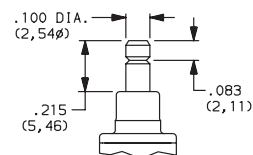


FP FLUSH PLUNGER



FP & R actuators are not available with EP21 model.
R actuators are not available with EP12 model.

R SNAP-FITTING

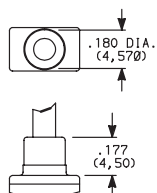


NOTE: Caps available for plunger options, see page A-14.

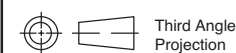
BUSHING



D1 UNTHREADED



NOTE: Internal actuator o-ring standard.



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

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EP Series Sealed Tiny Pushbutton Switches

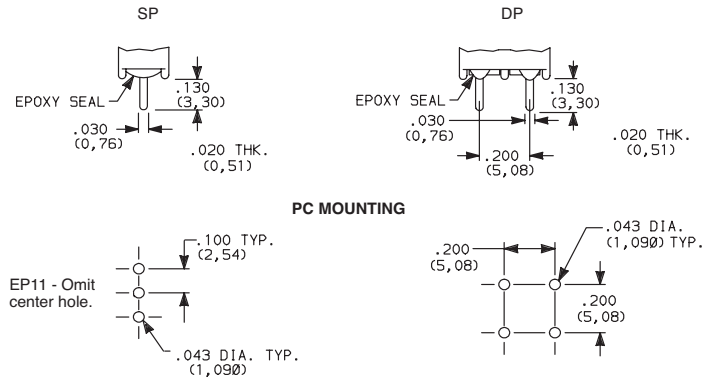


A
Pushbutton

TERMINATIONS

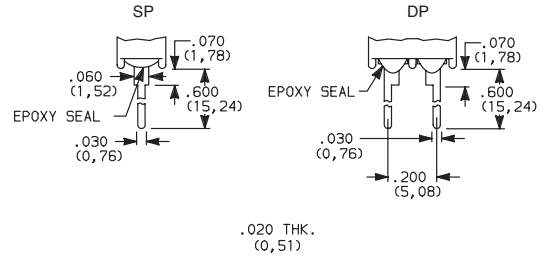


C PC THRU-HOLE



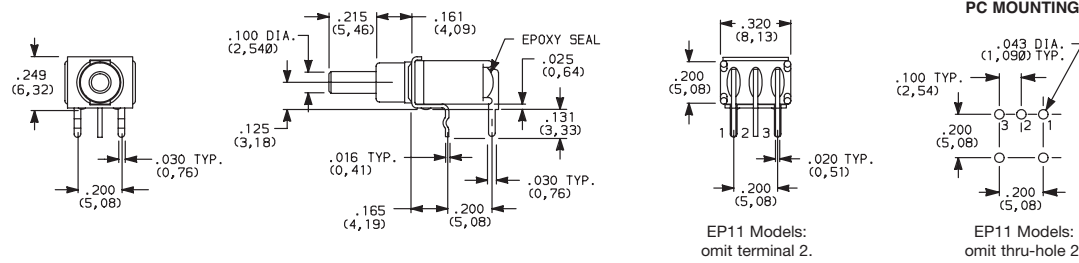
SP and DP

W WIRE WRAP

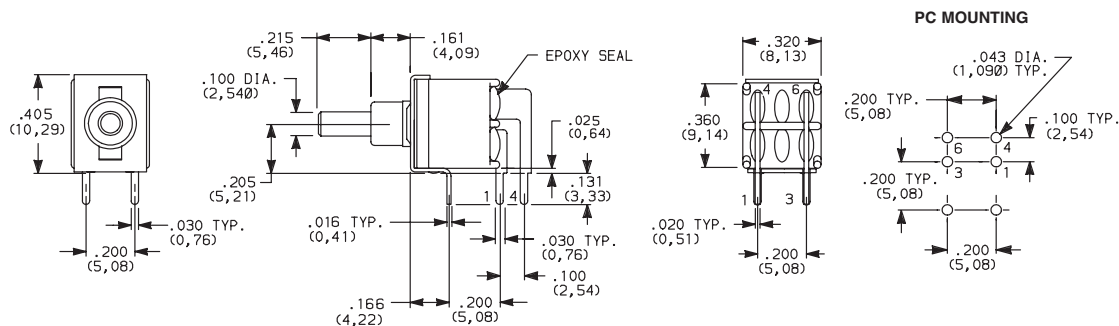


SP and DP

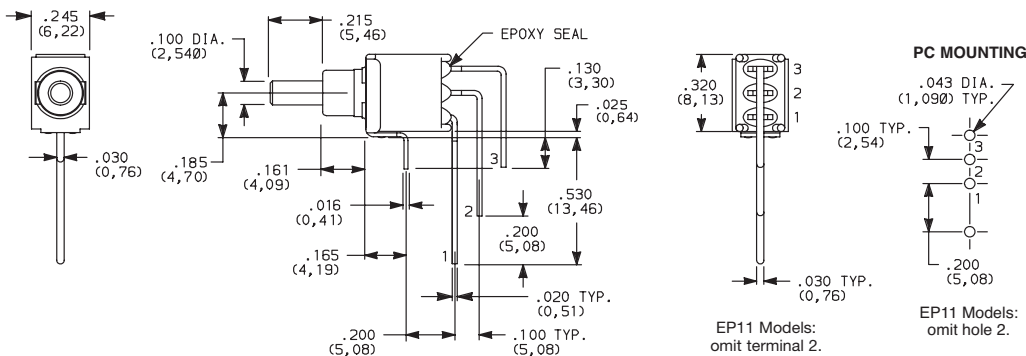
A RIGHT ANGLE, PC THRU-HOLE



A RIGHT ANGLE, PC THRU-HOLE



AV VERTICAL RIGHT ANGLE, PC THRU-HOLE



NOTE: Terminal bend radii and lead-in manufacturing option.



Third Angle
Projection

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

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A-11

www.ckswitches.com



EP Series Sealed Tiny Pushbutton Switches

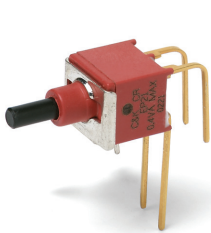
TERMINATIONS



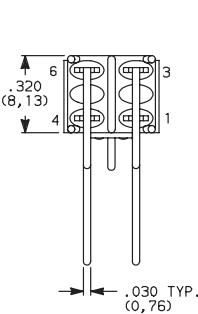
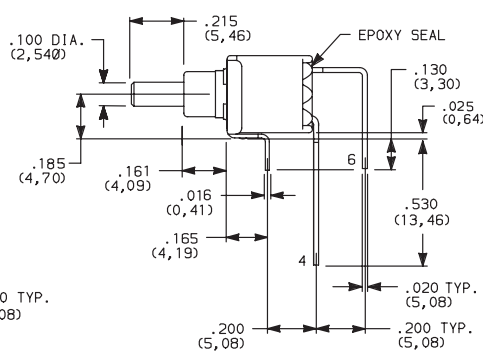
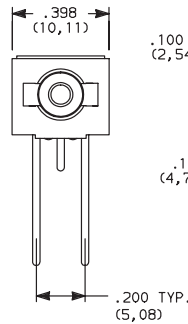
Pushbutton

A

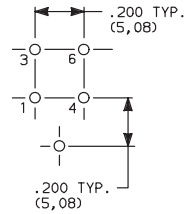
AV VERTICAL RIGHT ANGLE, THRU-HOLE



**EP21SD1AVBE
DPST**

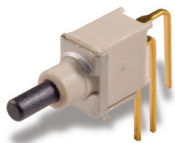


PC MOUNTING

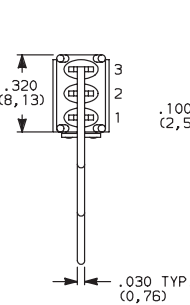
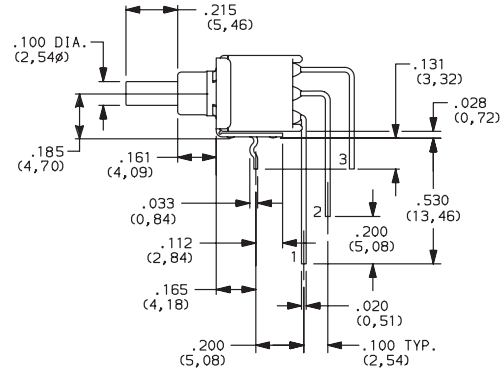
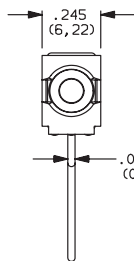


NOTE: Terminal bend radii and lead-in manufacturing option.

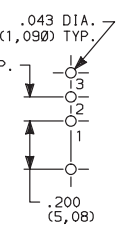
AV3 VERTICAL RIGHT ANGLE, SNAP-IN, PC THRU-HOLE



**EP12SD1AV3BE
SPST**

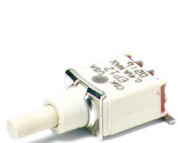


PC MOUNTING

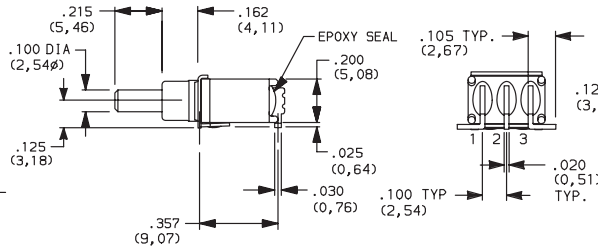
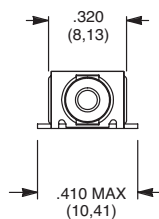


EP11 Models:
omit hole 2.

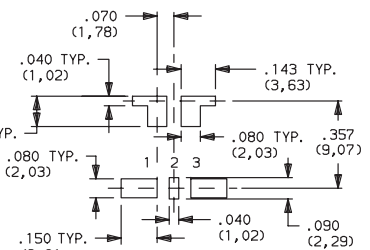
SA RIGHT ANGLE, SURFACE MOUNT



**EP12SD1SAPE
SPDT**



PC MOUNTING



EP11 Models:
omit pad 2.

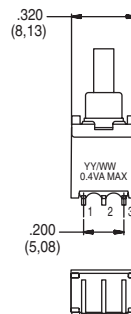
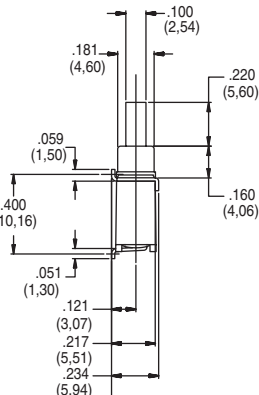
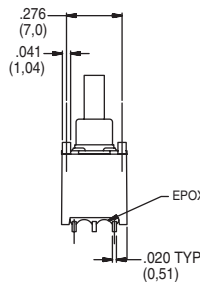
Available with P contact material only.
Not Available on DPST models.

EP11 Models:
omit terminal 2.

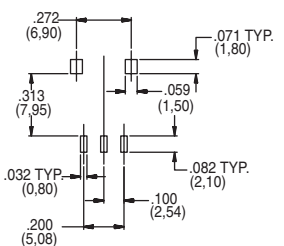
SA1 RIGHT ANGLE, SURFACE MOUNT



**EP12SD1SA1BE
SPDT**



PC MOUNTING



SA1 is only available with B and P contact materials.
Not Available on DPST models.



Third Angle
Projection

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EP Series Sealed Tiny Pushbutton Switches



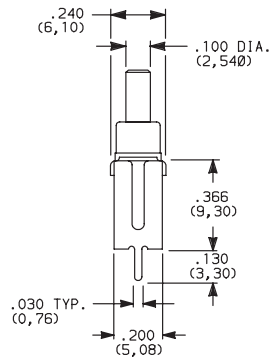
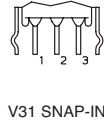
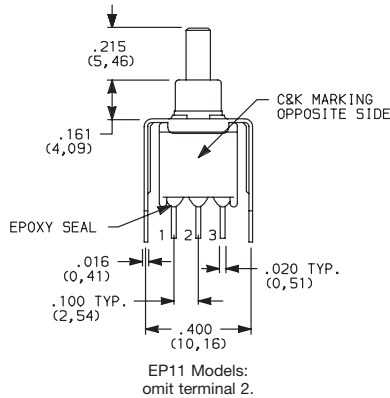
A
Pushbutton

TERMINATIONS

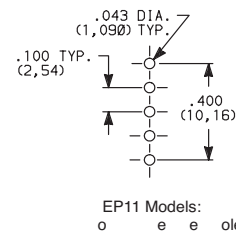


V3 VERTICAL MOUNT, V-BRACKET

V31 VERTICAL MOUNT, V-BRACKET, SNAP-IN

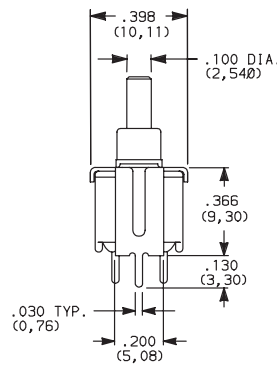
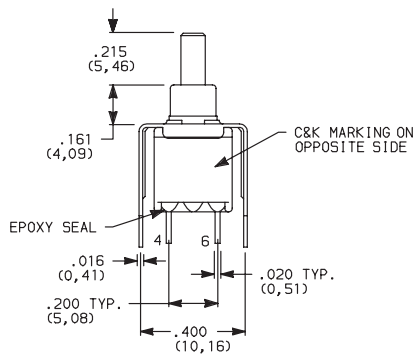


PC MOUNTING

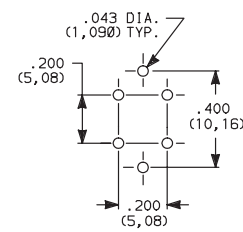


**EP12SD1V3BE
SPDT**

V3 VERTICAL MOUNT, V-BRACKET



PC MOUNTING



**EP21SD1V3BE
DPST**

CONTACT MATERIAL



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

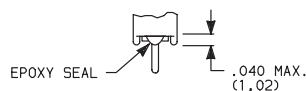
NOTE: Any models supplied with Q, B, P, S, R or G contact material are RoHS compliant.

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

SEAL



E EPOXY SEAL



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

C&K

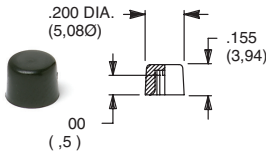
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EP Series Sealed Tiny Pushbutton Switches

AVAILABLE HARDWARE

Cap



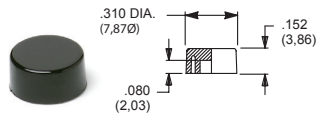
PART NO.

508101000 WHITE
508102000 BLACK
508103000 RED

Material: Nylon
Finish: Gloss

Not for use on S1 plunger

Cap



PART NO.

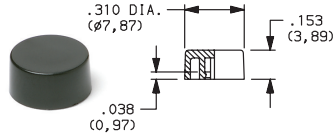
465801000 WHITE
465802000 BLACK
465803000 RED

Material: Nylon
Finish: Gloss

Not for use on S1 plunger

Cap

Compatible with snap-fitting plungers
EP11 & EP12 Models. R option only.



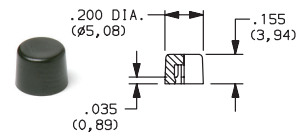
PART NO.

585A01000 WHITE
585A02000 BLACK
585A03000 RED

Material: Nylon
Finish: Gloss

Cap

Compatible with snap-fitting plungers
EP11 & EP12 Models. R option only.



PART NO.

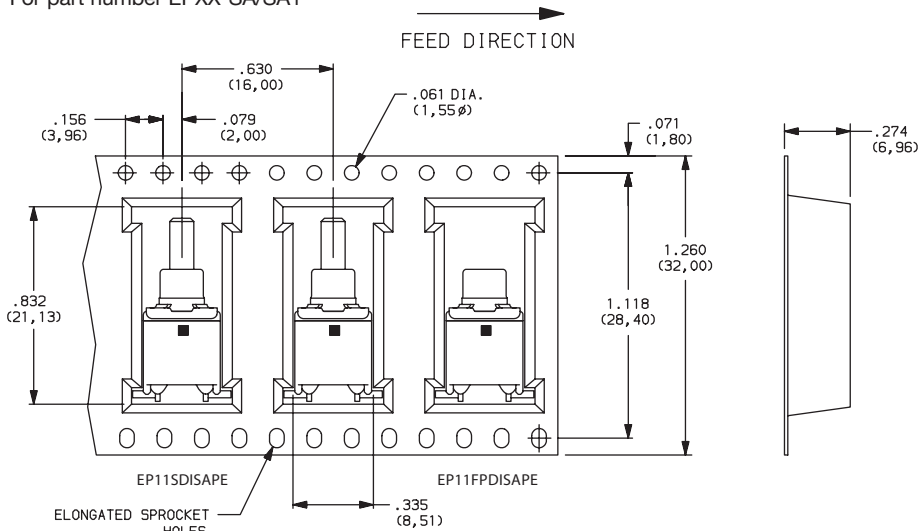
785A01000 WHITE
785A02000 BLACK
785A03000 RED

Material: Nylon
Finish: Gloss

NOTE: Other colors available, consult Customer Service Center.

TAPE & REEL

For part number EPXX-SA/SA1



REEL INFORMATION	
OUTSIDE DIAMETER	13.00 (330,0)
PILOT HOLE	.512 (13,0)
QUANTITY PER REEL	600

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

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Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

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