



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

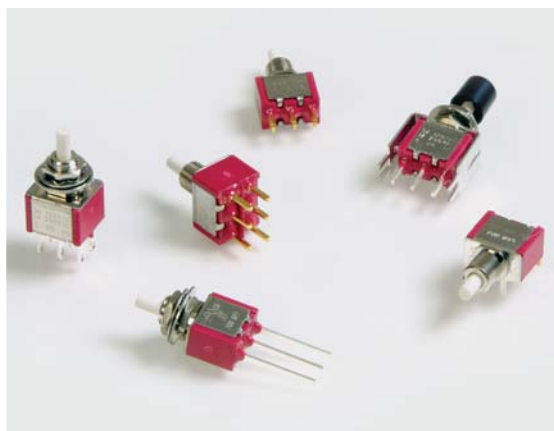
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



SERIES 700 SWITCHES

PUSHBUTTON SWITCHES - SNAP-ACTING



FEATURES & BENEFITS

- ▶ Snap acting contact design
- ▶ Gold & silver contact options
- ▶ Multiple termination options
- ▶ Snap-in panel mount option

APPLICATIONS/MARKETS

- ▶ Telecommunications
- ▶ Networking
- ▶ Computers/servers
- ▶ Performance audio
- ▶ Instrumentation
- ▶ Low power on/off designs
- ▶ External hard drives and modems

SPECIFICATIONS

Contact Ratings:	1A @ 250 VAC 3A @ 120 VAC or 28 VDC
Life Expectancy:	50,000 cycles typical
Contact Resistance:	20mΩ max. typical @ 2-4 VDC 100mA for both silver and gold plated contacts
Insulation Resistance:	1,000 MΩ min.
Dielectric Strength:	1,000 V RMS @ sea level
Actuation Force:	200 ± 50 gf
Operating Temperature:	-30°C to +85°C
Travel:	1.20mm Typ

MATERIALS

Case:	DAP
Plunger:	Glass filled nylon or glass filled polyester
Bushing:	Nickel plated brass
Frame:	Stainless steel
Contacts:	Silver or Gold plated copper alloy

HOW TO ORDER

SERIES	MODEL NO.	BUSHING	TERMINATION	CONTACT MATERIAL	SEAL	HARDWARE	CAP	CAP COLOR
700	SP7 DP7	B10 B11 B20 B21	M1 VS2 M2 VS3 M51 VS4 M52 VS5 M53 M6 M7	Q = Silver R = Gold	E = Epoxy Sealed at Base of Terminal	H = Hardware	See Cap Options	

Example Ordering Number
700-DP7-B10-M1-Q-E-H-C1-BLK

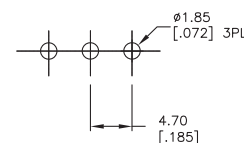
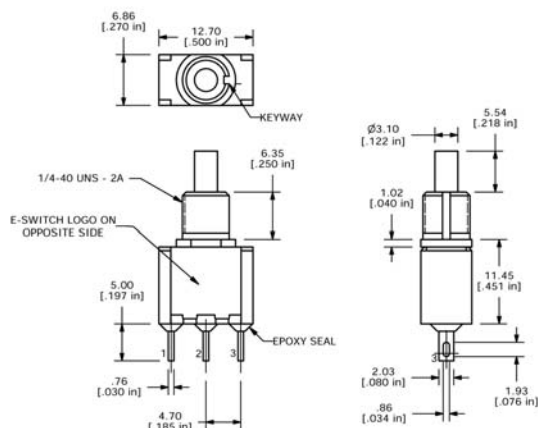
Specifications subject to change without notice.

SPDT



Model No.	Type
SP-7	ON (ON)
Term. Comm	1-3 1-2

() = Momentary



P.C. MOUNTING



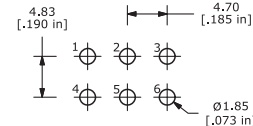
SCHEMATIC

Technical drawings of the 1/4-40 UNS-2A threaded hole and the E-switch marking on the opposite side of the component.

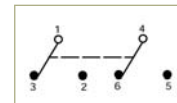
Top View: Shows the square base with a central circular feature. Dimensions include 12.70 [500 in] for the width and 11.43 [450 in] for the height. A KEYWAY is indicated.

Side View (Left): Shows the component with a 1/4-40 UNS-2A threaded hole. Dimensions include 1.30 [.051 in] for the height of the hole, 9.93 [.391 in] for the height of the base, and 76 [.030 in] for the width of the base. A 4.70 [185 in] dimension is also shown.

Side View (Right): Shows the component with an E-SWITCH MARKING ON OPPOSITE SIDE. Dimensions include 5.54 [.218 in] for the height of the hole, 1.02 [.040 in] for the height of the base, 6.35 [.250 in] for the height of the base, 2.03 [.080 in] for the width of the base, and 4.83 [.190 in] for the width of the base. An EPOXY SEAL is indicated.



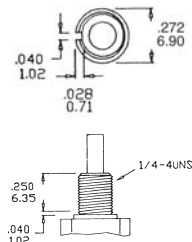
P.C. MOUNTING



SCHEMATIC

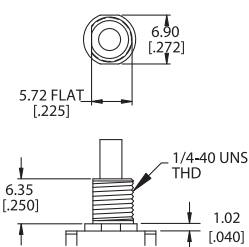
KEYWAY

- B10** THD STD
B20 NON-THD



FLAT

- B11** THD STD
B21 NON-THD



M1

SOLDER LUG

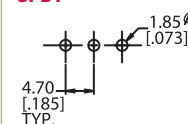


M2

P. C. MOUNT



SPDT



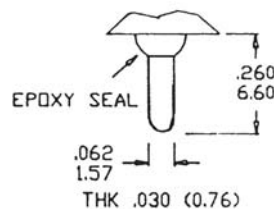
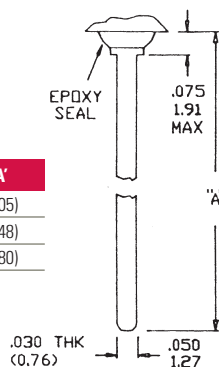
P.C. MOUNTING

M5

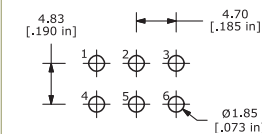
WIRE WRAP



Option Code	Dim. 'A'
M51	.750 (19.05)
M52	.964 (24.48)
M53	.425 (10.80)



DPDT



P.C. MOUNTING

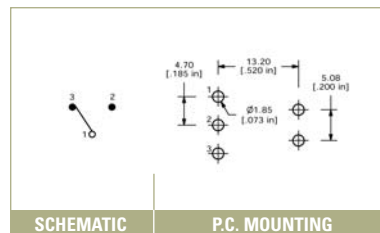
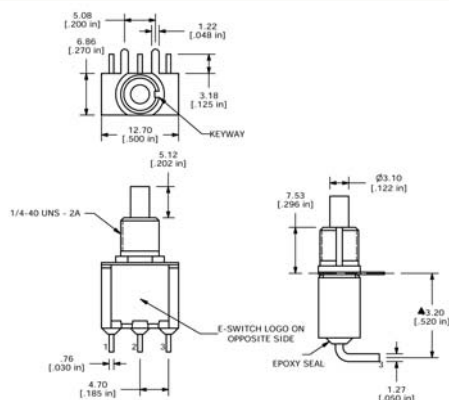
TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHESSLIDE
SWITCHESSNAP-ACTION
SWITCHESDIP
SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS

SERIES 700 SWITCHES

PUSHBUTTON SWITCHES - SNAP-ACTING

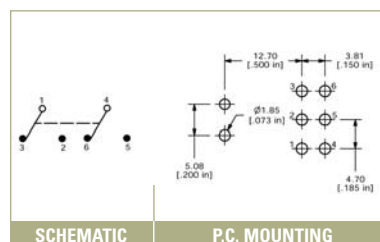
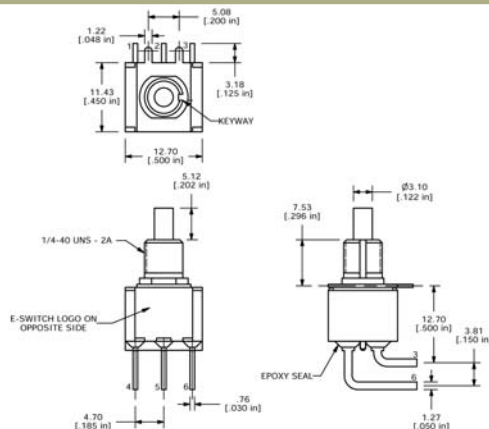
M6

SPDT



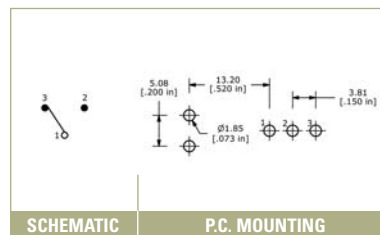
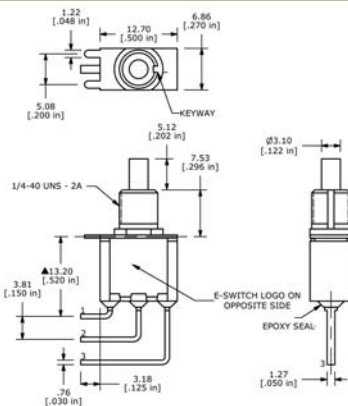
M6

DPDT



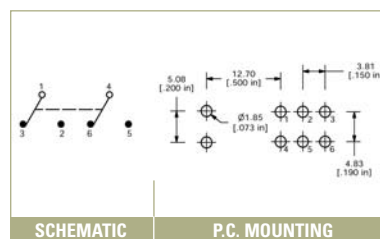
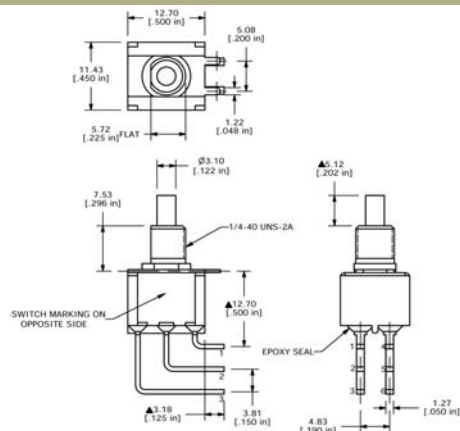
M7

SPDT



M7

DPDT



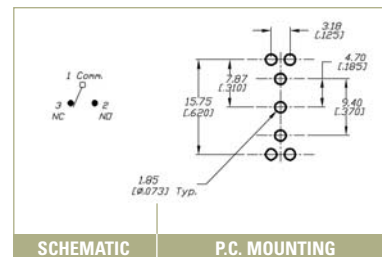
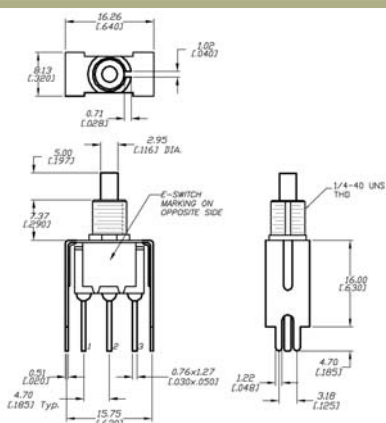


VS2 or VS3

SPDT



Option Code	Dim. 'A'
VS2	.460 (11.68)
VS3	.630 (16.00)

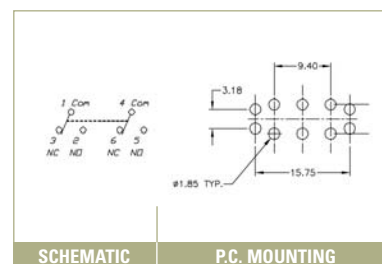
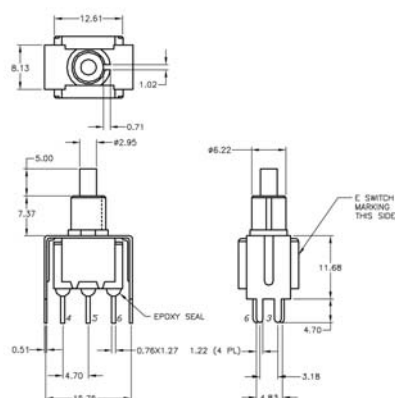


VS2 or VS3

DPDT



Option Code	Dim. 'A'
VS2	.460 (11.68)
VS3	.630 (16.00)

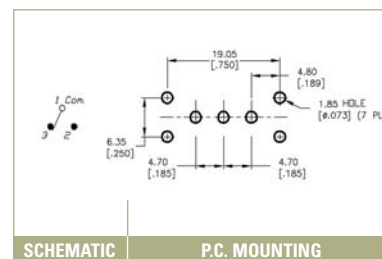
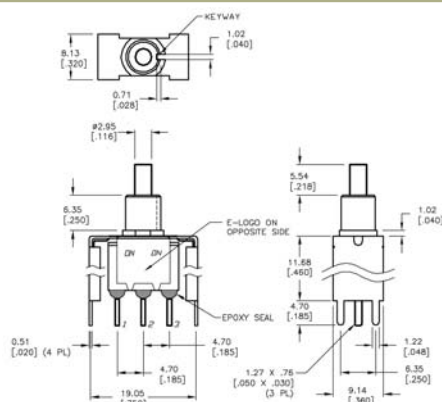


VS4 or VS5

SPDT



Option Code	Dim. 'A'
VS4	.460 (11.68)
VS5	.630 (16.00)



VS4 or VS5

DPDT



Option Code	Dim. 'A'
VS4	.460 (11.68)
VS5	.630 (16.00)

