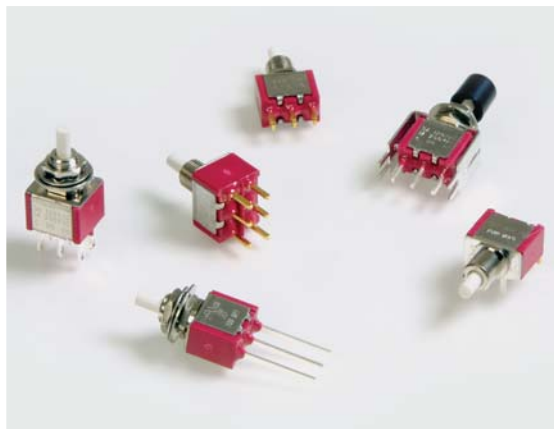


SERIES 700 SWITCHES

PUSHBUTTON SWITCHES - SNAP-ACTING



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

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

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

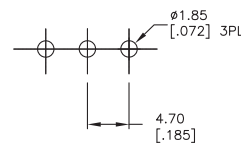
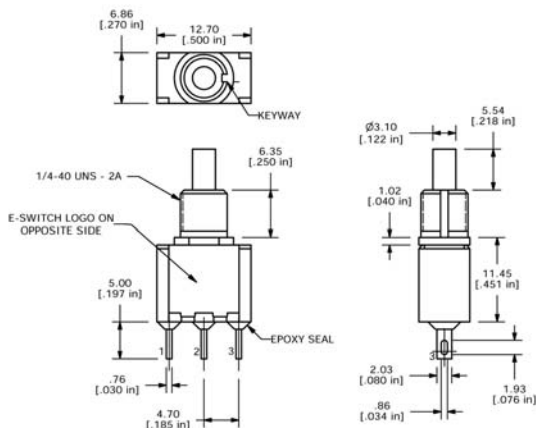
Specifications subject to change without notice.

SPDT



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

() = Momentary

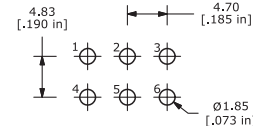


P.C. MOUNTING

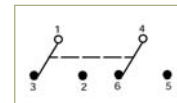


SCHEMATIC

Technical drawings of the 1/4-40 UNS-2A threaded insert. The top view shows a square base with a central hole and a keyway, with dimensions 12.70 [500 in] and 11.43 [450 in]. The side view shows the insert with a 1/4-40 UNS-2A thread, a height of 9.93 [391 in], and a base width of 7.6 [303 in]. The bottom view shows the base with dimensions 5.54 [218 in], 6.35 [250 in], 2.03 [80 in], and 4.83 [190 in].



P.C. MOUNTING

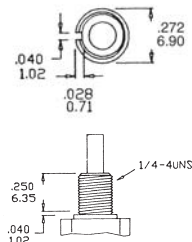


SCHEMATIC

BUSHING OPTIONS FOR P.C. MOUNTING

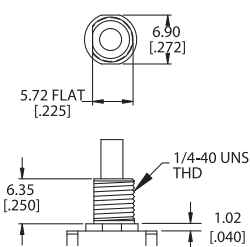
B10 THD STD

B20 NON-THD



B11 THD STD

B21 NON-THD



TERMINATION OPTIONS

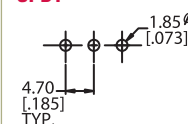
SOLDER LUG



P. C. MOUNT



SPDT

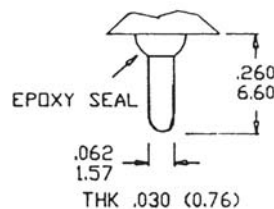
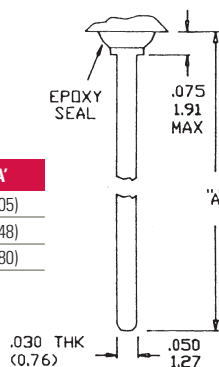


P.C. MOUNTING

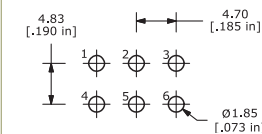
WIRE WRAP



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



DPDT



P.C. MOUNTING

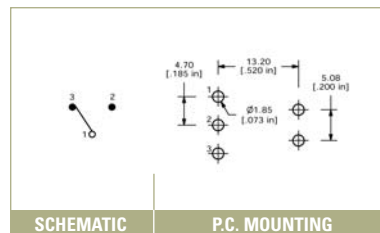
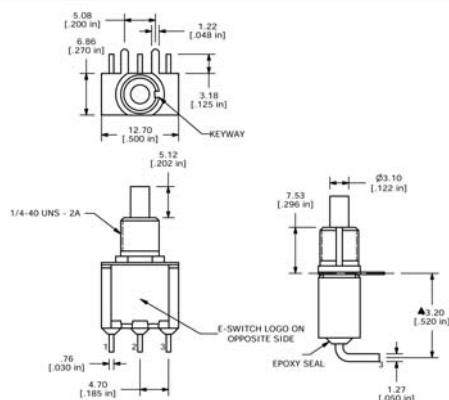
TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHESSLIDE
SWITCHESSNAP-ACTION
SWITCHESDIP
SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS

SERIES 700 SWITCHES

PUSHBUTTON SWITCHES - SNAP-ACTING

M6

SPDT

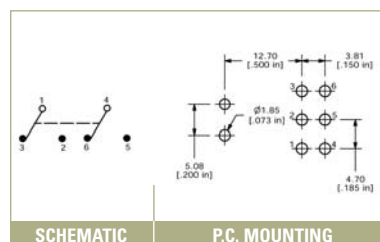
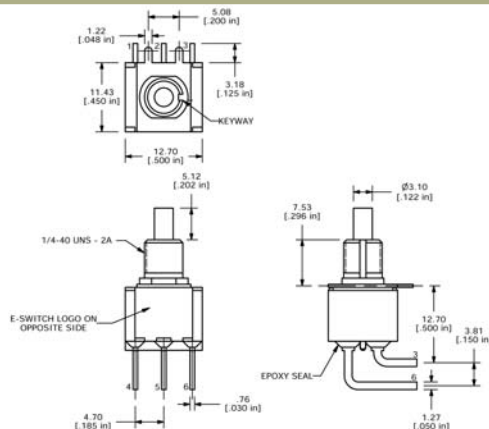


SCHEMATIC

P.C. MOUNTING

M6

DPDT

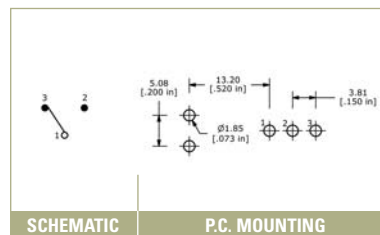
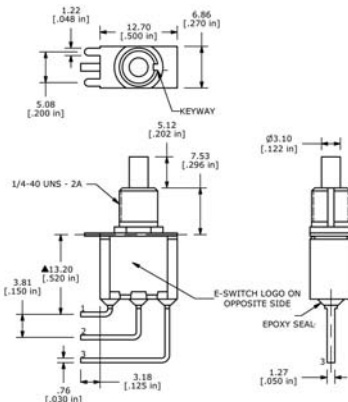


SCHEMATIC

P.C. MOUNTING

M7

SPDT

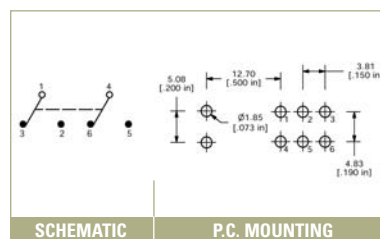
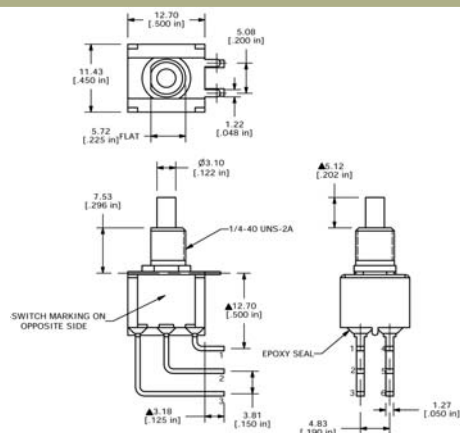


SCHEMATIC

P.C. MOUNTING

M7

DPDT



SCHEMATIC

P.C. MOUNTING



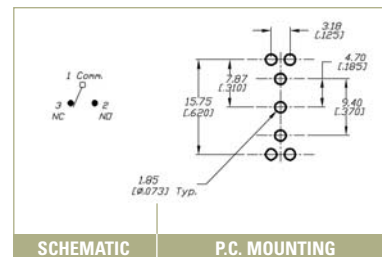
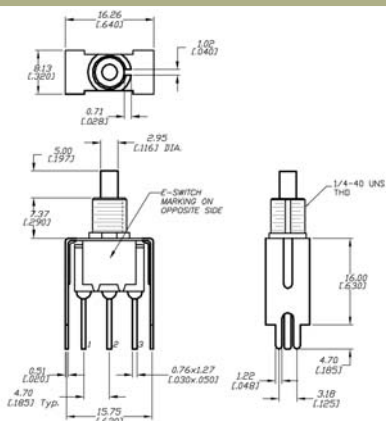
E-SWITCH®

VS2 or VS3

SPDT



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

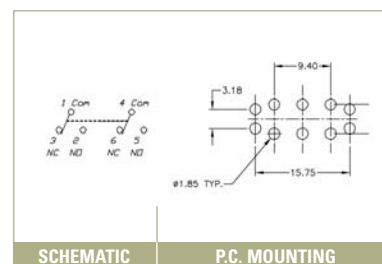
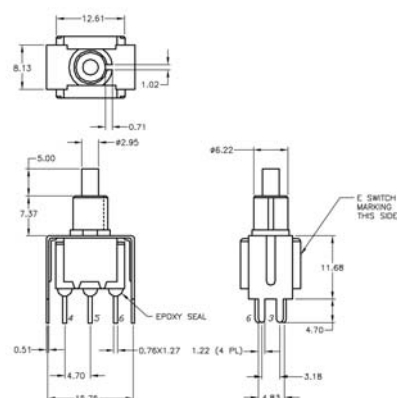


VS2 or VS3

DPDT



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

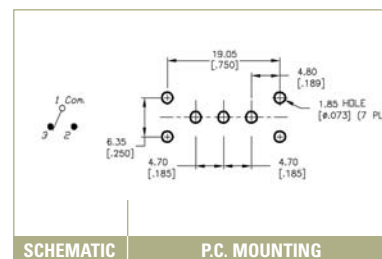
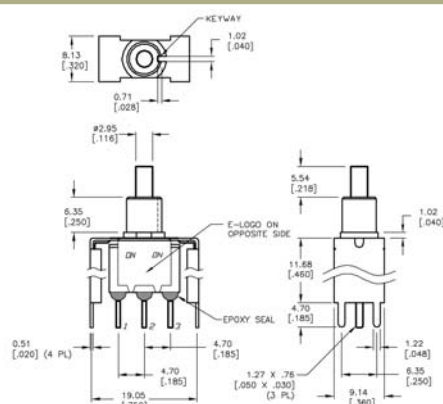


VS4 or VS5

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)

