

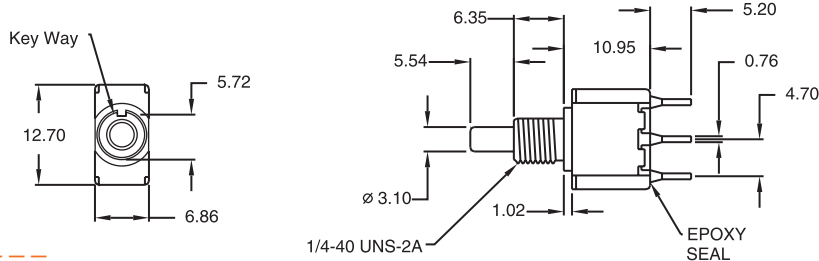
Pushbutton Switches

Snap-Acting Pushbutton Switches (ON-MOM)

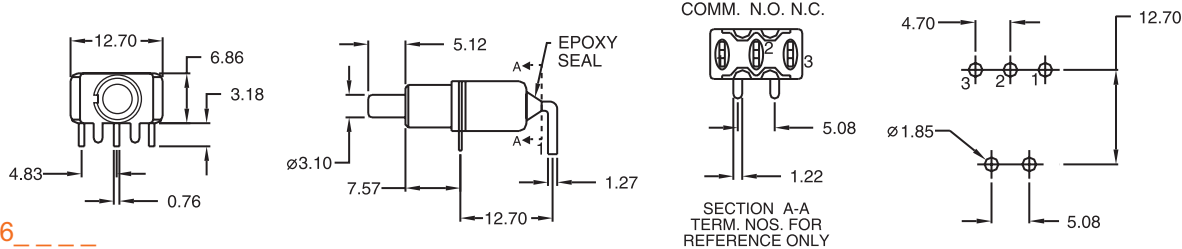
PB1M Series



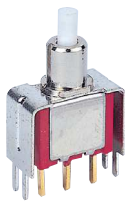
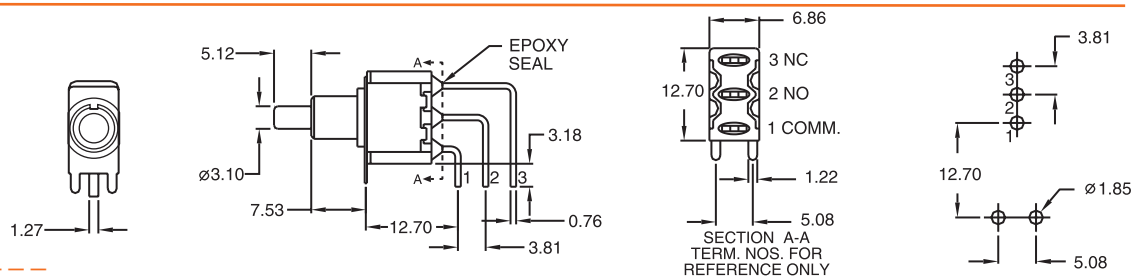
PB1MSA1B11T1



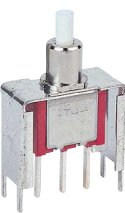
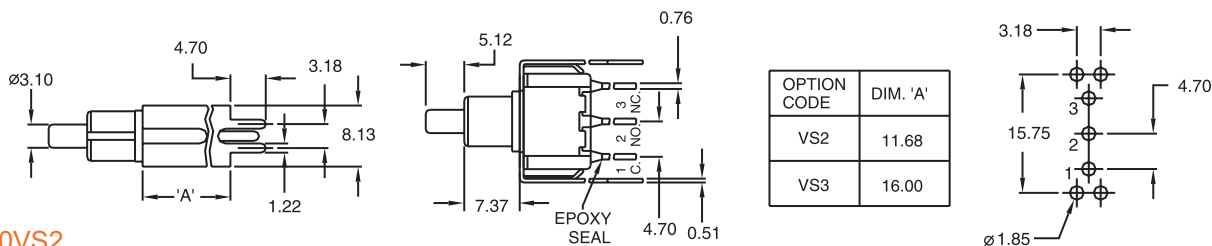
PB1MSA1B20T6



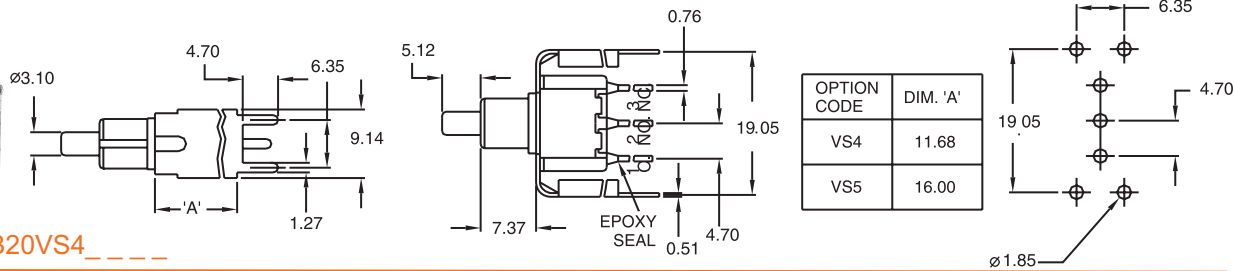
PB1MSA1B20T7



PB1MSA1B20VS2



PB1MSA1B20VS4



How to order:

PB1

1 SWITCHING & POLES:

MS ON-MOM SPDT
MD ON-MOM DPDT

2 ACTUATOR:

A1 5.54 mm high (Only for B bushings)
PA 5.54mm high (metal material) (Only for B bushings)
PB 7.00mm high (Only for B13 bushing)

3 BUSHING:

B10 6.35mm high, keyway (thd)
B11 6.35mm high, flat (thd)
B20 6.35mm high, keyway (non-thd)
B21 6.35mm high, flat (non-thd)
B13 11.38mm high, 15/32-32 UNS-2A (Only for PB actuator)

AP1 Cap only
AP2 Cap frame
AP3 Cap only - (flat)
AP4 Cap frame - (flat)
AP5 Cap with frame for LED, snap-in
AP6 Cap with frame for LED, snap-in flat

4+5 FRAME & CAP COLOR:

A Black (Standard)
B White
C Red
D Orange
E Yellow
F Green
G Blue
H Grey
K Brown
N No Frame / No Cap

6 TERMINALS:

T1 Solder Lug
T2 PC thru-hole
T5 Wire wrap
T6 Right angle, PC thru-hole
T6N Right angle, snap-in, PC thru-hole
T7 Vertical right angle, PC thru-hole
VS2 11.68mm high, V-bracket
V2N 11.68mm high, snap-in, V-bracket
VS3 16.00mm high, V-bracket
VS4 11.68mm high, V-bracket
VS5 16.00mm high, V-bracket

7 CONTACT MATERIAL:

AG Silver
AU Gold
UT Gold, tin-lead
GT Silver, tin-lead
UG Gold over silver
UGT Gold over silver, tin-lead

8 SEAL:

E Epoxy (Standard)
N No Epoxy

9 ROHS & LEAD FREE:

blank RoHS compliant
V RoHS & lead free
H Halogenfree & RoHS

10 CAP:

C1 Cap1
C2 Cap2
C3 Cap3
C4 Cap4
C6 Cap6
C7 Cap7
N No Cap

General Specifications:

MATERIALS

» Movable Contact & Fixed Terminals:
AG, G, T, UG & UG T: Silver plated over copper alloy
AU & U T: Gold over nickel plated over copper alloy

MECHANICAL

» Operating Temperature: -30°C to +85°C
» Mechanical Life: 30,000 cycles

CONTACT RATING

» AG, GT, UG & UGT: 3A 120 VAC/28VDC
1A 250 VAC
» AU & UT: 0.4 VA max. 20V max. (AC/DC)

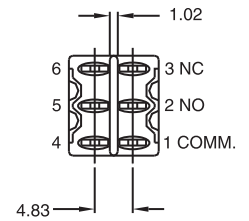
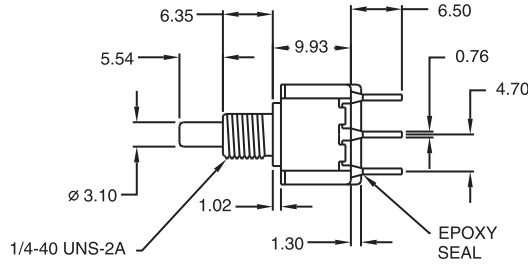
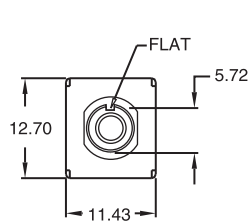
ELECTRICAL

» Contact Resistance: 20mΩ max. initial @ 2-4VDC
100mA for silver & gold plated contacts
» Insulation Resistance: 1,000M Ω min.

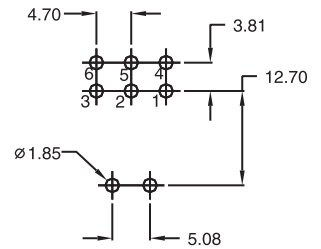
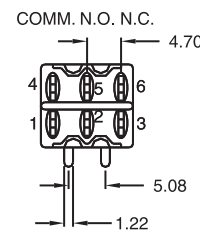
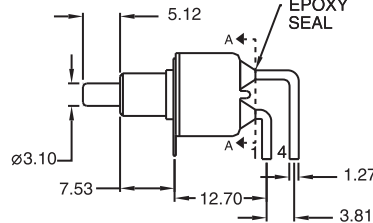
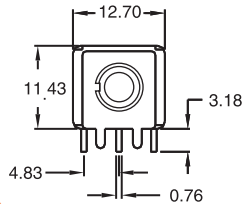
Pushbutton Switches

Snap-Acting Pushbutton Switches (ON-MOM)

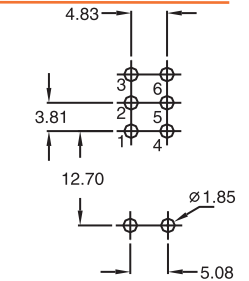
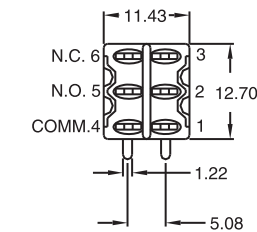
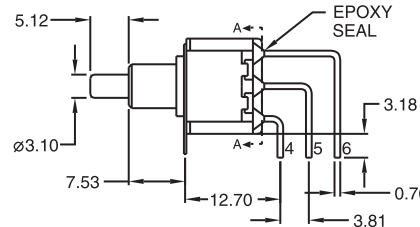
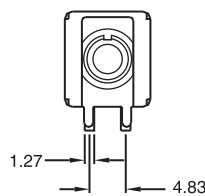
PB1M Series



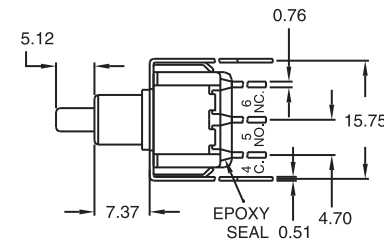
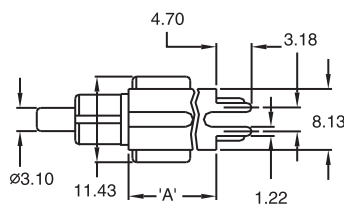
PB1MDA1B10T1



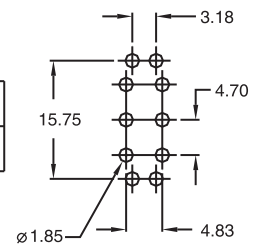
PB1MDA1B20T6



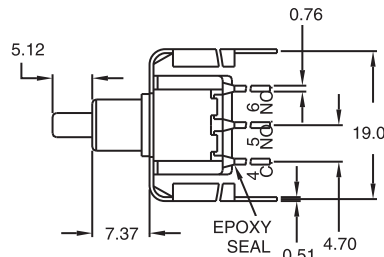
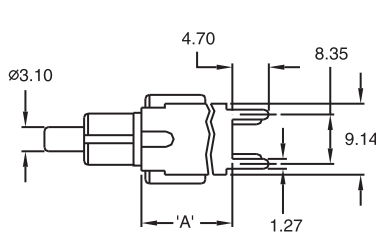
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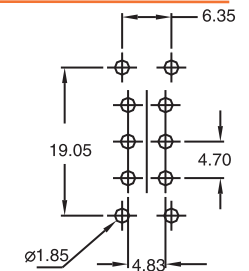
OPTION CODE	DIM. 'A'
VS2	11.68



PB1MDA1B20VS2



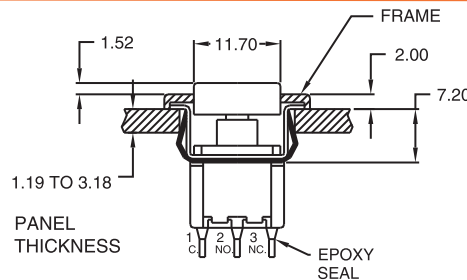
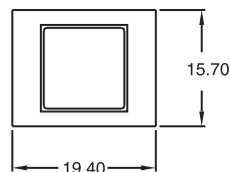
OPTION CODE	DIM. 'A'
VS4	11.68
VS5	16.00



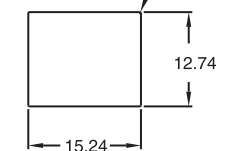
PB1MDA1B20VS4



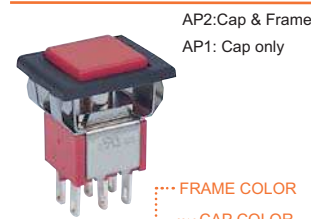
AP2: Cap & Frame
AP1: Cap only



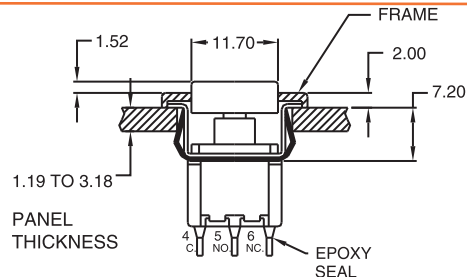
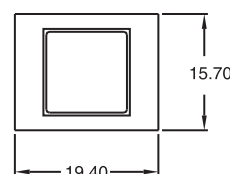
INCREASE TO 15.75/15.88 FOR 2.31/3.18 THK PANEL R0.13



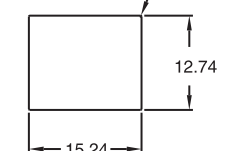
PB1MSAP2□□T1



AP2: Cap & Frame
AP1: Cap only



INCREASE TO 15.75/15.88 FOR 2.31/3.18 THK PANEL R0.13



PB1MDAP2□□T1

Pushbutton Switches

Snap-Acting Pushbutton Switches (ON-MOM)

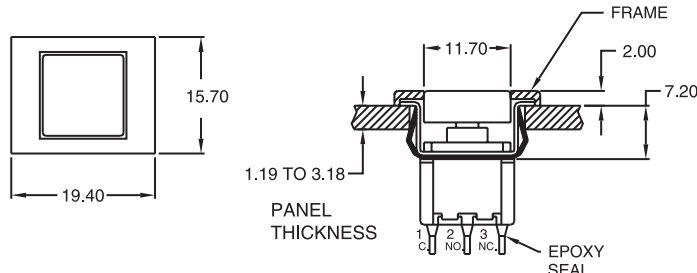
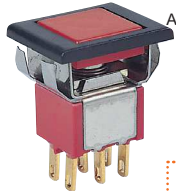
PB1M Series



AP4: Cap & Frame
AP3: Cap only

--- FRAME COLOR
--- CAP COLOR

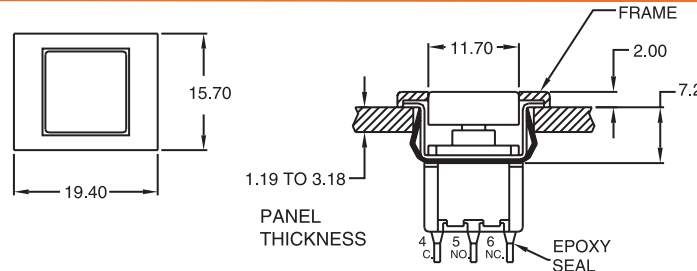

PB1MS AP4 □□T1

AP4: Cap & Frame
AP3: Cap only

--- FRAME COLOR
--- CAP COLOR

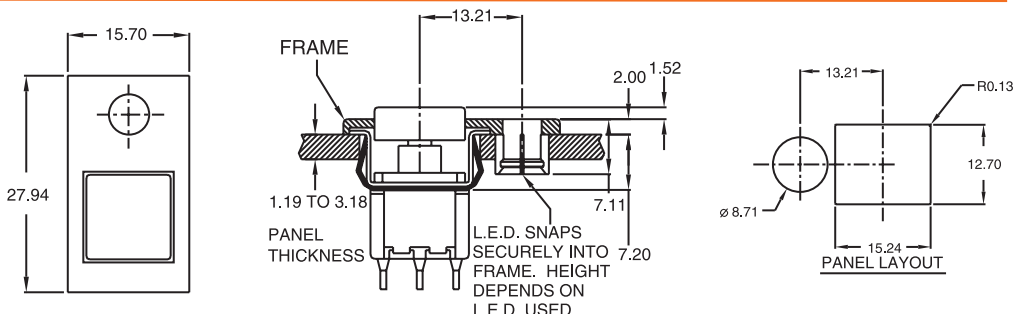
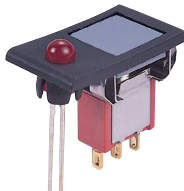
PB1MD AP4 □□T1

AP5: Cap & FRAME

--- FRAME COLOR
--- CAP COLOR

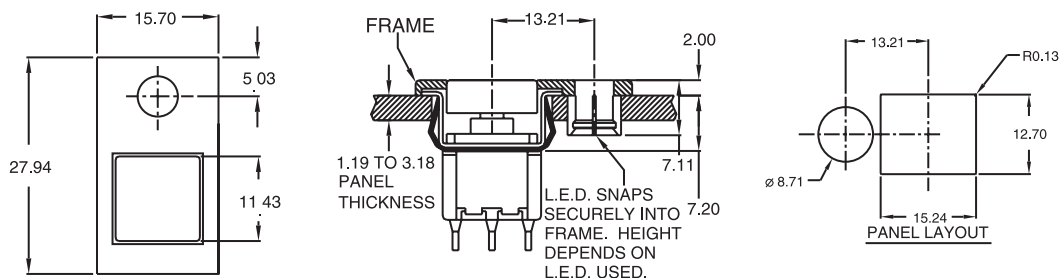
PB1MS AP5 □□T1

AP5: Cap & FRAME

--- FRAME COLOR
--- CAP COLOR

PB1MS AP6 □□T1

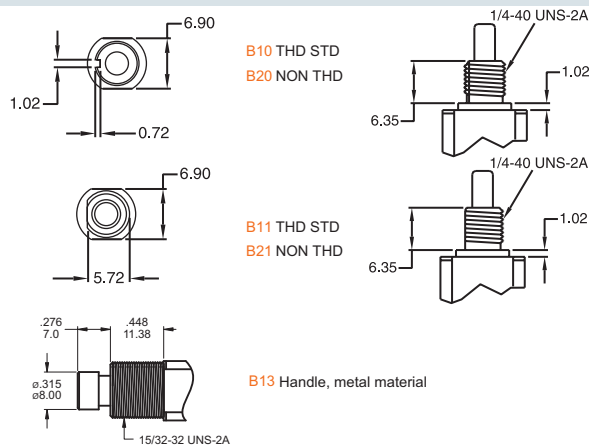


SWITCH FUNCTION

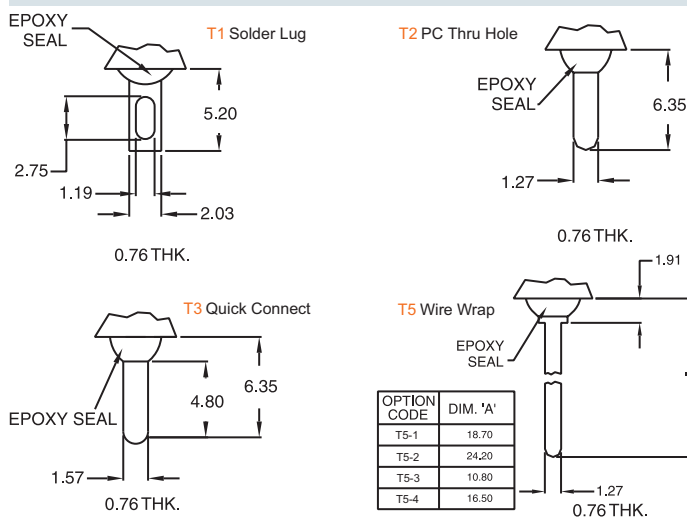
NO. POLES	MODEL NO.	SWITCH FUNCTION		CONNECTED TERMINALS		SCHEMATIC
		POS.1	POS.2	POS.1	POS.2	
SP	PB1MS	ON	MOM	1-3	1-2	
DP	PB1MD	ON	MOM	1-3,4-6	1-2,4-5	

MOM=MENTORY

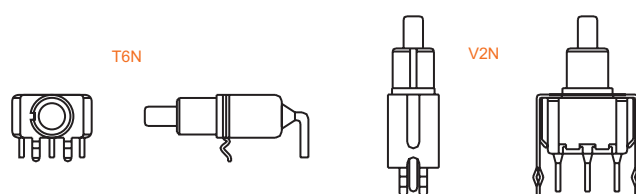
BUSHING OPTIONS



TERMINAL OPTIONS



SNAP-IN TERMINAL OPTIONS



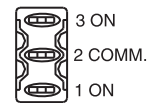
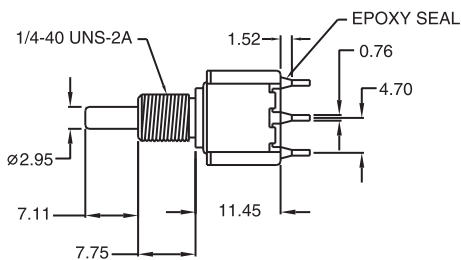
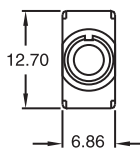
Pushbutton Switches

Snap-Acting Pushbutton Switches (ON-ON)

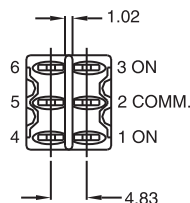
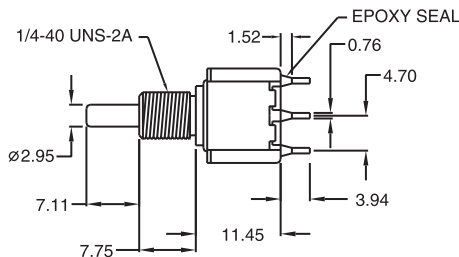
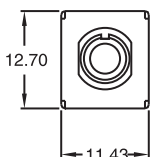
PB1N Series



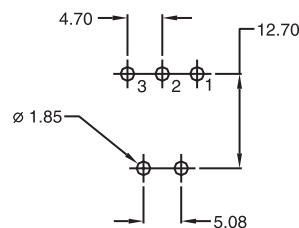
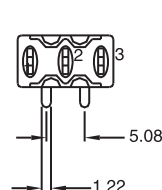
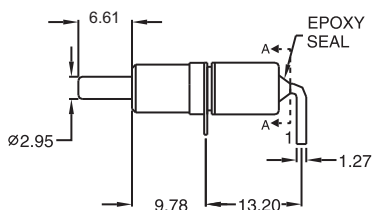
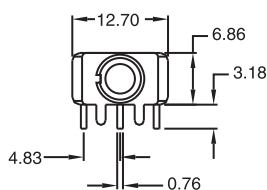
PB1NSA1B60T1



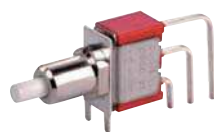
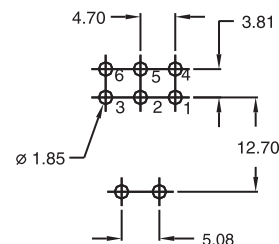
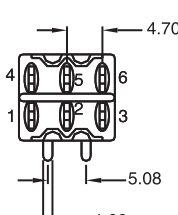
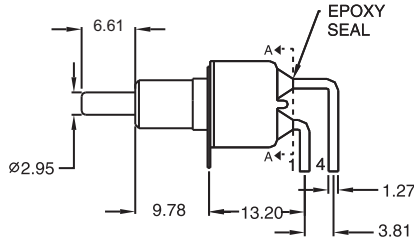
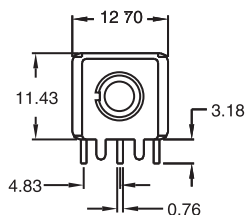
PB1NDA1B60T1



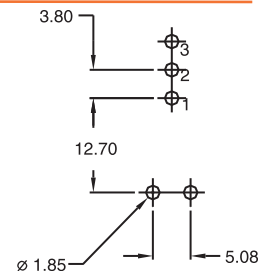
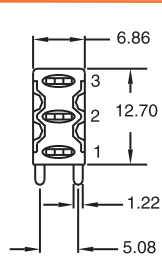
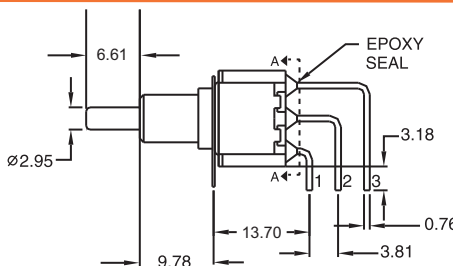
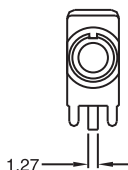
PB1NSA1B70T6



PB1NDA1B70T6



PB1NSA1B70T7



How to order:

PB1

- 1 SWITCHING & POLES:**
NS ON-ON SPDT
ND ON-ON DPDT
- 2 ACTUATOR:**
A1 6.61/7.11 mm high
AA Handle, metal material
AB Handle, metal material
- 3 BUSHING:**
B60 7.62mm high, keyway (thd)
B61 7.62mm high, flat (thd)
B70 7.62mm high, keyway (non-thd)
B71 7.62mm high, flat (non-thd)
- 4 TERMINALS:**
T1 Solder Lug
T2 PC thru-hole
T5 Wire wrap
T6 Right angle, PC thru-hole
T6N Right angle, PC thru-hole
T7 Right angle, snap-in, PC thru-hole
Vertical right angle,

- VS2** PC thru-hole
V2N 11.68mm high, V-bracket
11.68mm high, snap-in, V-bracket
- VS3** 16.00mm high, V-bracket
VS4 11.68mm high, V-bracket
VS5 16.00mm high, V-bracket
- 5 CONTACT MATERIAL:**
AG Silver
AU Gold
UT Gold, tin-lead
GT Silver, tin-lead
UG Gold over silver
UGT Gold over silver, tin-lead
- 6 SEAL:**
E Epoxy (Standard)
N No Epoxy
- 7 ROHS & LEAD FREE:**
blank RoHS compliant
V RoHS & lead free
H RoHS & Halogen Free

- 8 CAP:**
C1 Cap1
C2 Cap2
C3 Cap3
C4 Cap4
N No Cap
- 9 FRAME & CAP COLOR:**
A Black (Standard)
B White
C Red
D Orange
E Yellow
F Green
G Blue
H Grey
K Brown
N No Frame / No Cap

General Specifications:

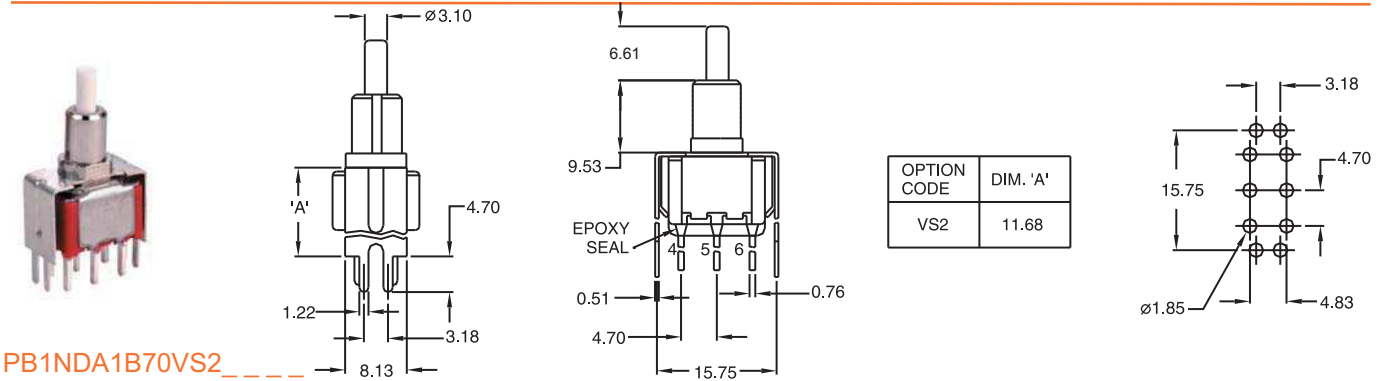
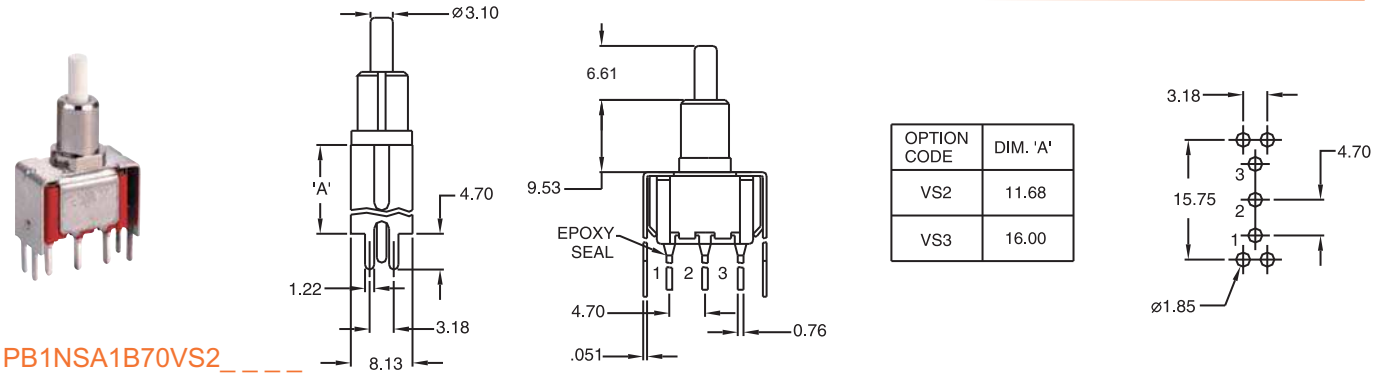
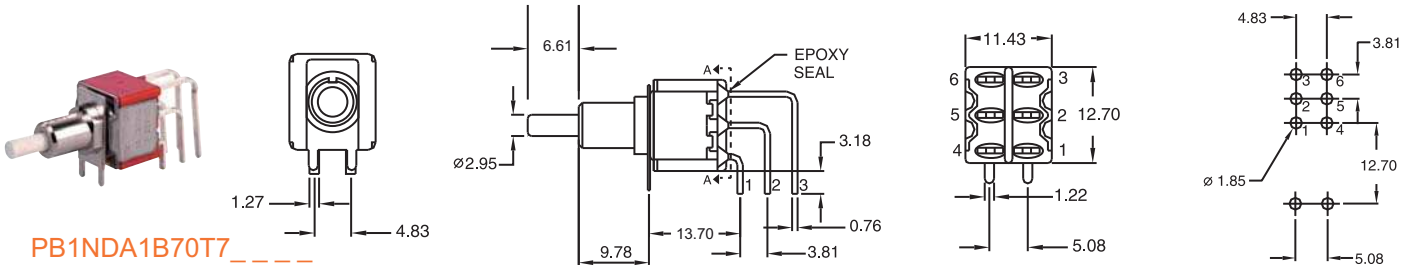
- MATERIALS**
» Movable Contact & Fixed Terminals:
AG, G T, UG & UG T: Silver plated over copper alloy
AU & U T: Gold over nickel plated over copper alloy
- MECHANICAL**
» Operating Temperature: -30°C to +85°C
» Mechanical Life: 30,000 cycles
- CONTACT RATING**
» AG, GT, UG & UGT: 3A 120 VAC/28VDC
1A 250 VAC
» AU & UT: 0.4 VA max. 20V max. (AC/DC)
- ELECTRICAL**
» Contact Resistance: 20mΩ max. initial @ 2-4VDC
100mA for silver & gold plated contacts
» Insulation Resistance: 1,000M Ω min.

All specifications are restricted to QA test criteria.
DRW: B.R. JIN, CHK: P.G. GAO, APP: F. H. KANG, DC: 2009-07-02, UPD: 2025-03-11.

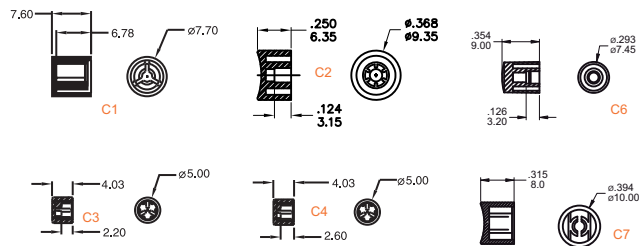
Pushbutton Switches

Snap-Acting Pushbutton Switches (ON-ON)

PB1N Series



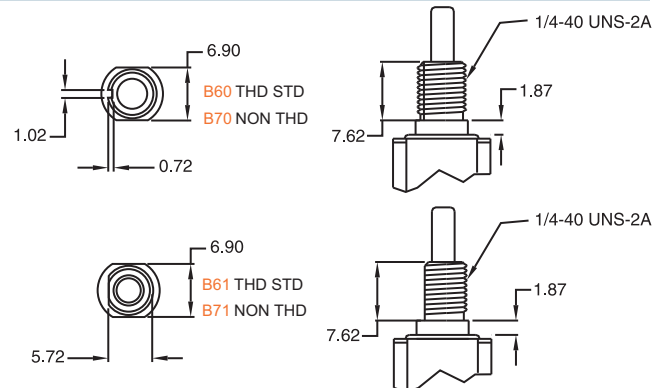
CAPS (Colors: white, black, green, red)



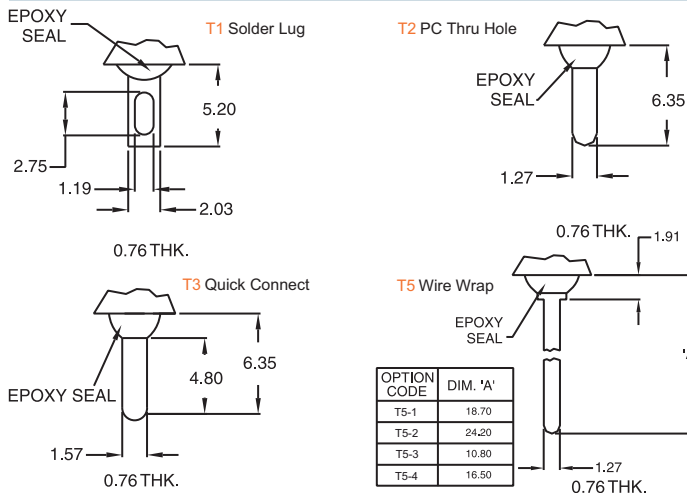
SWITCH FUNCTION

NO. POLES	MODEL NO.	SWITCH FUNCTION		CONNECTED TERMINALS/SCHEMATIC	
		POS.1	POS.2	POS.1	POS.2
SP	PB1NS	ON	ON	1-2	2-3
DP	PB1ND	ON	ON	1-2,4-5	2-3,5-6

BUSHING OPTIONS



TERMINAL OPTIONS



SNAP-IN TERMINAL OPTIONS

