



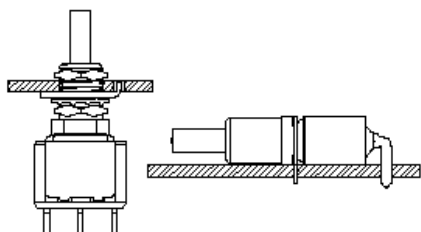
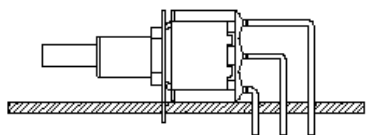
淮 洋 有 限 公 司 HUI YANG CO., LTD.

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www.hy1688.com.tw 236新北市土城區中央路二段191號10樓之5

Series 700L

Alternate Acting Pushbutton Switches



SPECIFICATIONS:

CONTACT RATING: Refer to "Contact Material Options" for more info.

ELECTRICAL LIFE: 50,000 make and break cycles at full load.

CONTACT RESISTANCE: 10mΩ max. Initial @2-4VDC

INSULATION RESISTANCE: 1,000MΩ min.

DIELECTRIC STRENGTH: 1,500V RMS @ sea level.

OPERATION TEMPERATURE: -30°C to 85°C.

MATERIALS:

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

PLUNGER: Polybutylene terephthalate (PBT) (UL 94V-0).

FRAME: Nylon 6/6 (UL 94V-0), black standard.

BUSHING: Zinc, nickel plated.

HOUSING: Stainless steel.

TERMINAL SEAL: Epoxy.

If your preferred product configuration is not shown, please contact our sales representative for custom design.

HOW TO ORDER SYSTEM

700L

Switch Function

SP-1 On-None-On

DP-1 On-None-On

DP-2 On-None-(On)

Plunger or Actuator

PA STD. plunger

PC PD with cap

PD Brass chrome plated

PI Medium plunger

PL Brass chromed plated

AP1 Snap-in

AP2 Snap-in with frame

Cap Type or Frame Color

* For Plunger only

0 No cap required

1 C1, 7.50 (.295") high

2 C2, 6.40 (.252") high

3 C3, 11.70 (.461") high

4 C4, 4.02 (.158") high

5 C5, 10.00 (.394") high

6 C6, 5.60 (.221") high

* For Actuator only

0 No frame color required

1 White

2 Black

3 Red

4 Orange

5 Yellow

6 Green

7 Blue

8 Brown

9 Gray

Cap Color

0 No color required

1 White

2 Black

3 Red

4 Orange

5 Yellow

6 Green

7 Blue

8 Brown

9 Gray

Bushing

* For plunger only

B7 7.70 (.303") high, keyway

B8 B7 unthreaded

B9 7.70 (.303") high, flat

B0 B9 unthreaded

BD 14.05 (.553") high, keyway

Termination

M1 Solder lug

M2 PC thru-hole

M5-1 Wire wrap, 19.05 (.750") long

M5-2 Wire wrap, 24.48 (.964") long

M5-3 Wire wrap, 10.80 (.425") long

M5-4 Wire wrap, 26.97 (1.062") long

M6 Right angle, PC thru-hole

M7 Vertical, right angle PC thru-hole

VS2 Vertical mount, 11.68 (.460") high

VS3 Vertical mount, 16.00 (.630") high

VS4 Vertical mount, 11.68 (.460") high

VS5 Vertical mount, 16.00 (.630") high

Contact Material

Q Silver

P Silver (tin plated term.)

R Gold

K Gold (tin plated term.)

G Silver

(gold over silver term.)

Seal

E Epoxy

0 Non-Epoxy

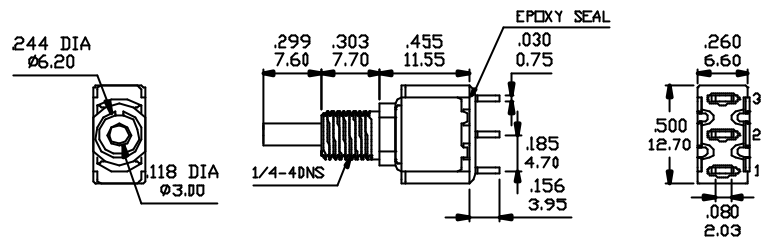
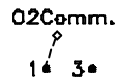
Series 700L

Alternate Acting Pushbutton Switches

SPDT

Model No.	Switching Position		
SP-1	ON	NONE	ON
Term. Comm.	2-3	OPEN	2-1

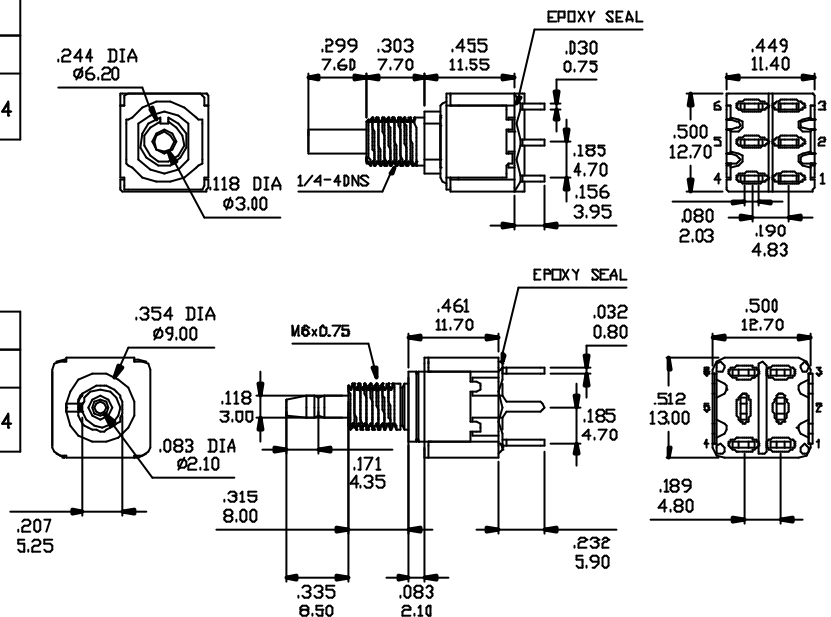
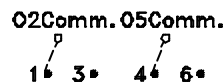
Schematic



DPDT

Model No.	Switching Position		
DP-1	ON	NONE	ON
Term. Comm.	2-3,5-6	OPEN	2-1,5-4

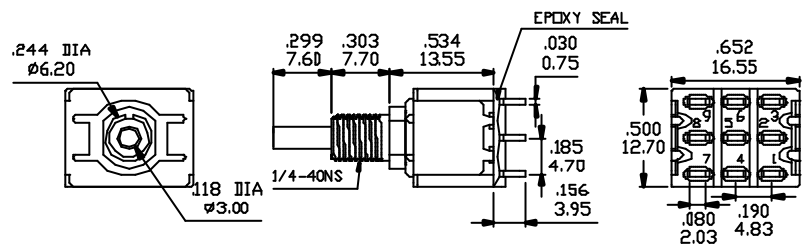
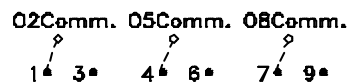
Schematic



3PDT

Model No.	Switching Position		
3P-1	ON	NONE	ON
Term. Comm.	2-3,5-6 8-9	OPEN	2-1,5-4 8-7

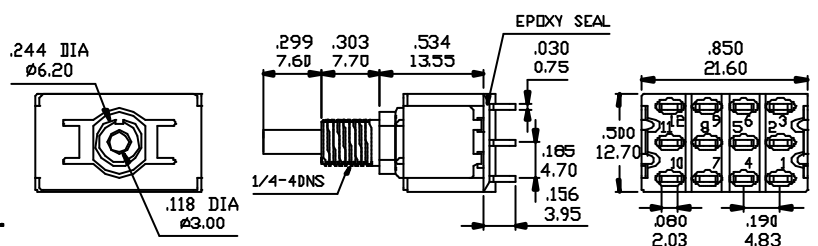
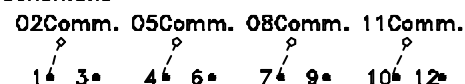
Schematic



4PDT

Model No.	Switching Position		
4P-1	ON	NONE	ON
Term. Comm.	2-3,5-6 8-9 11-12	OPEN	2-1,5-4 8-7 11-10

Schematic

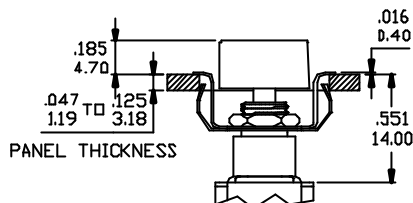
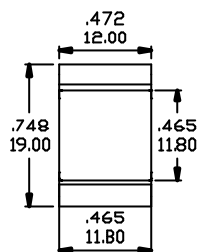


Series 700L

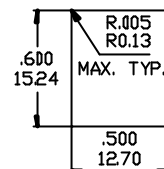
Alternate Acting Pushbutton Switches

ACTUATOR OPTIONS FOR SNAP-IN FRONT MOUNT

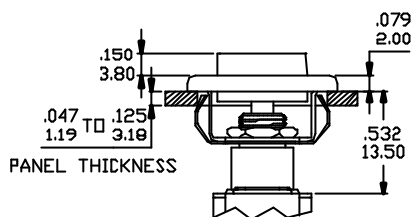
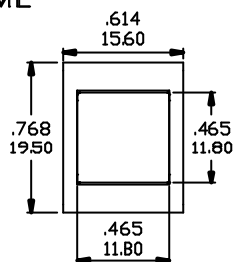
AP1



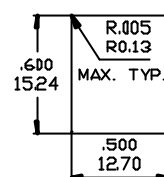
PANEL MOUNTING



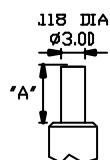
AP2 WITH FRAME



PANEL MOUNTING

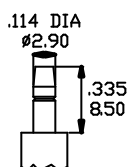


PLUNGER OPTIONS



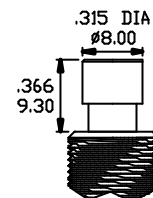
OPTION CODE	DIM "A"
PA	.298(7.60)
PI	.244(6.20)

PL

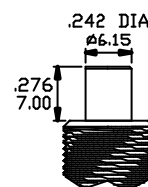


* Plunger material: Brass Nickel Plated

PC



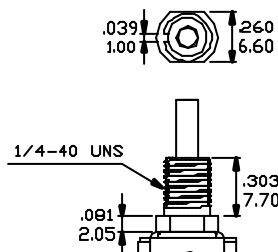
PD



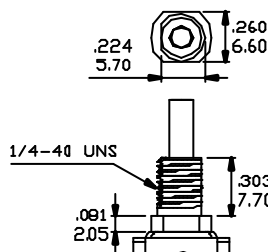
* Plunger material: Brass Chrome Plated
* PC,PD must configure with BD bushing

BUSHING OPTIONS

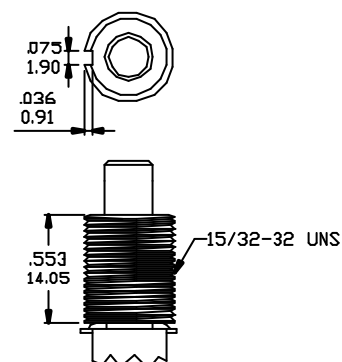
B7 THD STD B8 NON-THD



B9 THD STD B0 NON-THD

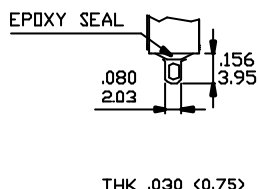


BD

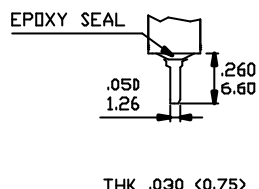


TERMINATION OPTIONS

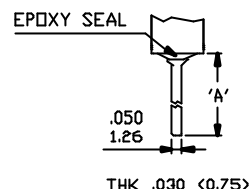
M1 STD. SOLDER LUG



M2 PC-THRU HOLE



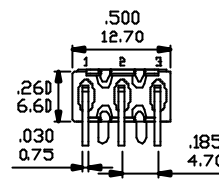
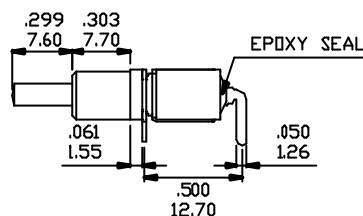
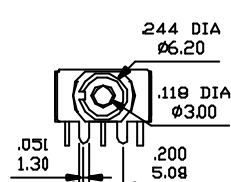
M5 WIRE WRAP



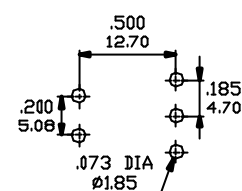
OPTION CODE	DIM. 'A'
M5-1	.750(19.05)
M5-2	.964(24.48)
M5-3	.425(10.80)
M5-4	1.062(26.97)

M6

SPDT

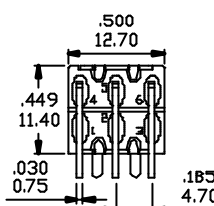
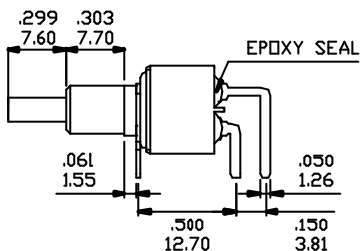
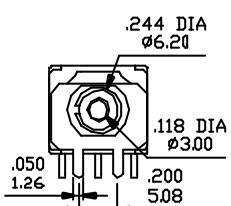


P.C.MOUNTING

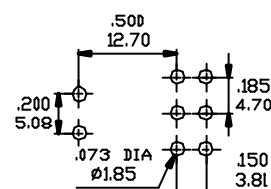


M6

DPDT

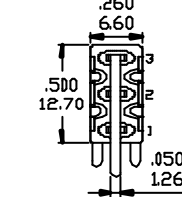
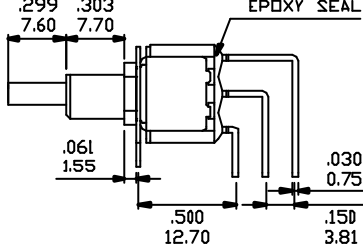
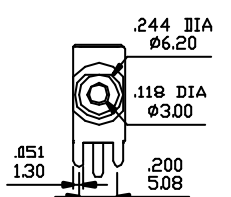


P.C.MOUNTING

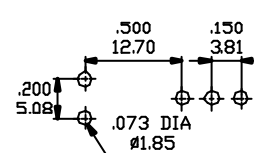


M7

SPDT

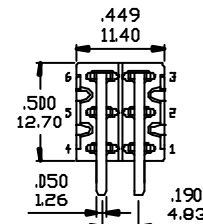
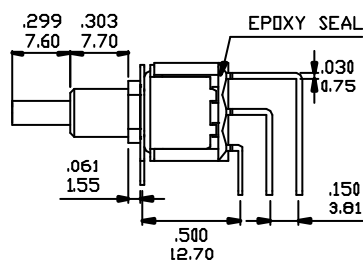
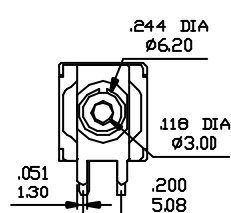


P.C.MOUNTING

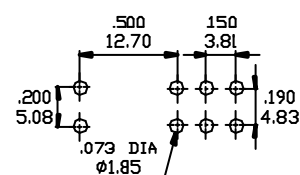


M7

DPDT



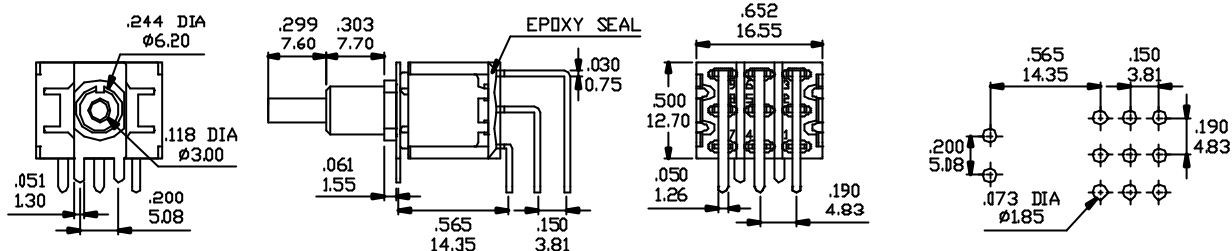
P.C.MOUNTING



TERMINATION OPTIONS

M7

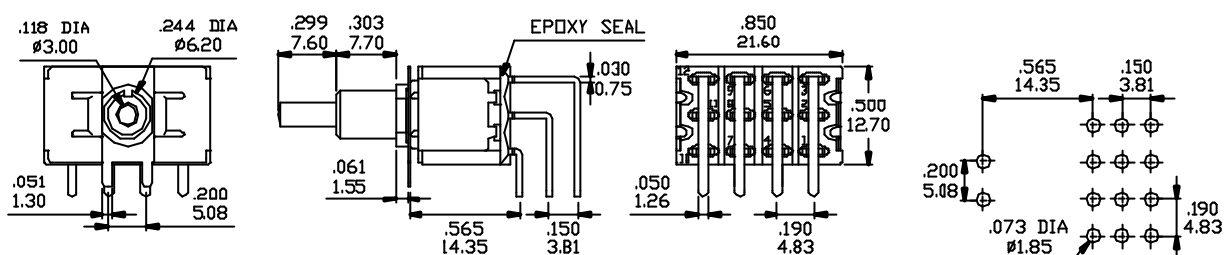
P.C.MOUNTING



3PDT

M7

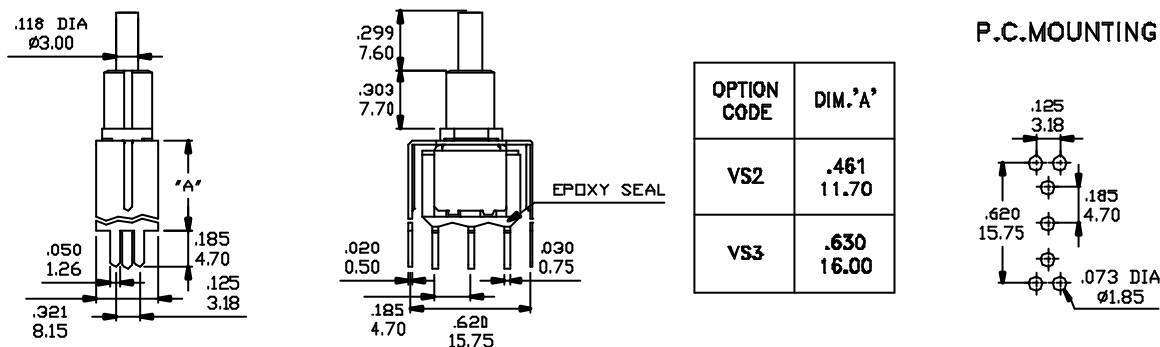
P.C.MOUNTING



4PDT

VS2-VS3

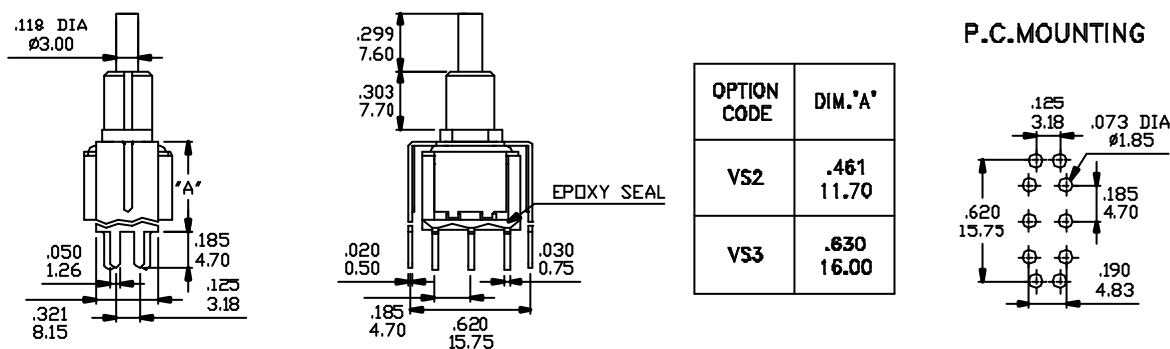
P.C.MOUNTING



SPDT

VS2-VS3

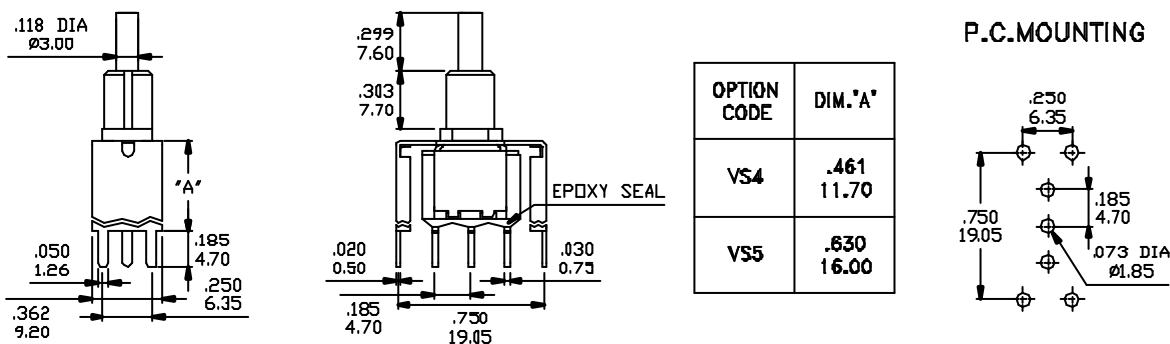
P.C.MOUNTING



DPDT

VS4-VS5

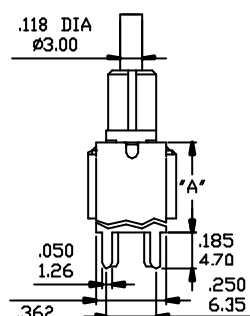
P.C.MOUNTING



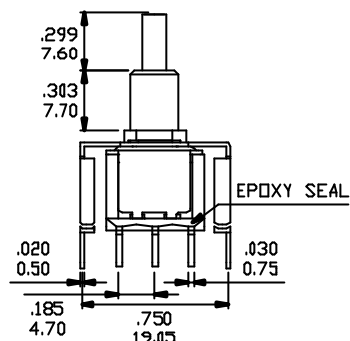
SPDT

TERMINATION OPTIONS

VS4-VS5

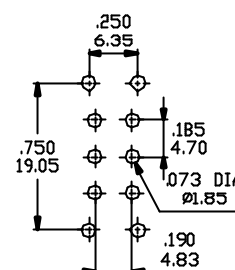


DPDT



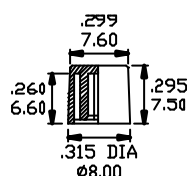
OPTION CODE	DIM. "A"
VS4	.461 11.70
VS5	.630 16.00

P.C.MOUNTING

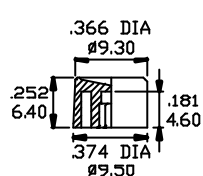


PLUNGER CAPS

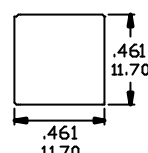
C1



C2

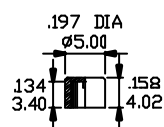


C3

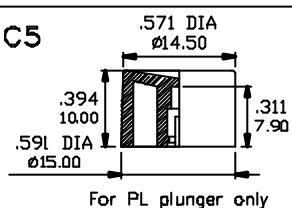


CAP AND FRAME COLORS	
1	White
2	Black(Std.)
3	Red
4	Orange
5	Yellow
6	Green
7	Blue
8	Brown
9	Gray

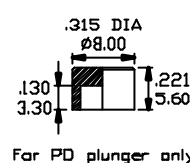
C4



C5



C6 Brass Chrome Plated



CONTACT MATERIAL OPTIONS

Coding	Contact Material	Terminal Plating	Rating	Agency Approvals
Q	Silver ¹	Silver plated ⁶	6Amps @ 125VAC or 28VDC 3Amps @ 250VAC	
P		Tin plated ⁵		
R	Gold ²	Gold plated ⁴	0.4VA max @ 20V max (AC or DC)	
K		Tin plated ⁵		
G	Silver ¹	Gold over ³ silver	6Amps @ 125VAC or 28VDC 3Amps @ 250VAC	

1. Movable Contact: Coin silver, silver plated.
2. Movable Contact: Copper alloy with gold plated over nickel plated.
3. Terminals: Silver plated with outer layer in gold plating.
4. Terminals: Copper alloy, with gold plated over nickel plated.
5. Outer Terminals: Copper alloy with tin over nickel plated.
6. Terminals: Copper alloy, silver plated.
7. Terminal Contact: Gold plated over nickel plated.
8. Terminal Contact: Palladium nickel alloy plated.

* P, K not available with M1 termination.