

EN: This Datasheet is presented by the manufacturer.

Please visit our website for pricing and availability at <u>www.hestore.hu</u>.





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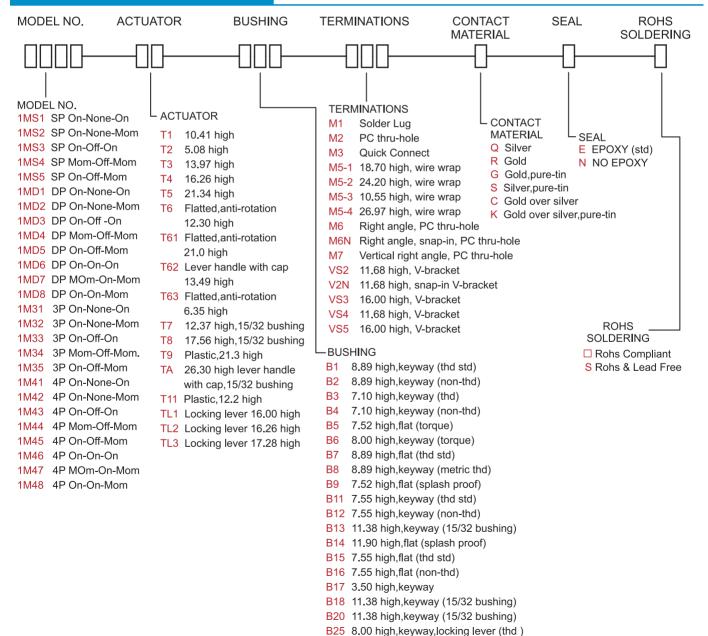
CONTACT RATING: Dependent upon contact material. MECHANICAL LIFE: 40,000 make-and-break cycles. CONTACT RESISTANCE: 10m Ω max. initial @ 2-4VDC 100mA for both silver and gold plated contacts. **INSULATION RESISTANCE:** $1,000M\Omega$ min.

DIELECTRIC STRENGTH: 1,000 V RMS@sea level. **OPERATING TEMPERATURE:** -30°C to 85°C.

MATERIALS

CASE: Diallyl phthalate (DAP) (UL94v-0). ACTUATOR: Brass, chrome plated. BUSHING: Brass, nickel plated. HOUSING: Stainless Steel. SWITCH SUPPORT: Brass, tin plated. TERMINAL/CONTACT: Silver or gold plated.(See Page 11)

HOW TO ORDER



B26 8.00 high, keyway, locking lever (non-thd)



SWITCH FUNCTION

			SWITCH FUNCTION		CONNECTED TERMINALS / SCHEMATIC			
NO. POLES	UL/CSA MODEL	MODEL	POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
FOLES	NO.	NO.	1		4	1	#	4
SP	Q1111	1MS1	ON	NONE	ON		N1/A	
	Q1112	1MS2	ON	NONE	МОМ	2-3	N/A	2-1
	Q1113	1MS3	ON	OFF	ON			
	Q1114	1MS4	MOM	OFF	МОМ	2 (COMM) 1 ● 3	OPEN	2 (COMM) 1 • 3
	Q1115	1MS5	ON	OFF	МОМ			
DP	Q1121	1MD1	ON	NONE	ON		N1/A	
	Q1122	1MD2	ON	NONE	мом	2-3,5-6	N/A	2-1,5-4
	Q1123	1MD3	ON	OFF	ON			
	Q1124	1MD4	MOM	OFF	МОМ	1 € 2 (COMM) 5 € 6	OPEN	$1 \stackrel{2}{\bullet} 3 \qquad 4 \stackrel{5}{\bullet} 6$
	Q1125	1MD5	ON	OFF	МОМ			
	Q1126	1MD6	ON	ON	ON			
	Q1127	1MD7	MOM	ON	МОМ	2-3,5-6	2-3,5-4	2-1,5-4
	Q1128	1MD8	ON	ON	МОМ			
3P	Q1131	1M31	ON	NONE	ON		N/A	
	Q1132	1M32	ON	NONE	МОМ	2-3,5-6,8-9	N/A	2-1,5-4,8-7
	Q1133	1M33	ON	OFF	ON			
	Q1134	1M34	MOM	OFF	МОМ	1 • 3 4 • 6 7 • 9	OPEN	1 • 3 4 • 6 7 • 9
	Q1135	1M35	ON	OFF	МОМ			
4P	Q1141	1M41	ON	NONE	ON			
	Q1142	1M42	ON	NONE	МОМ	2-3,5-6,8-9,11-12	N/A	2-1,5-4,8-7,11-10
	Q1143	1M43	ON	OFF	ON	1 • • • 3 4 • • • • 6 7 • • • 9 • 11 • • 12		$1 \frac{2}{10 \cdot 3} \frac{5(\text{COMM})}{7 \cdot 6} \frac{8}{7 \cdot 6} \frac{11}{10 \cdot 6} \frac{11}{12}$
	Q1144	1M44	МОМ	OFF	МОМ	1• • 3 4• • 6 7• • 9 10• • 12	OPEN	1 6 • 3 4 6 7 6 9 10 6 12
	Q1145	1M45	ON	OFF	МОМ			
	Q1146	1M46	ON	ON	ON			
	Q1147	1M47	МОМ	ON	МОМ	2-3,5-6,8-9,11-12	2-3,5-4,8-9,11-10	2-1,5-4,8-7,11-10
	Q1148	1M48	ON	ON	МОМ			

MOM=MOMENTARY

A Please check the availability in advance before order

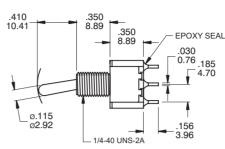


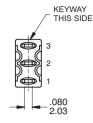
POLE OPTIONS

SPDT





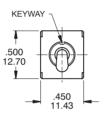


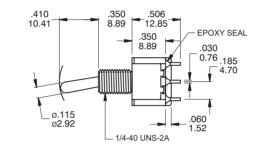


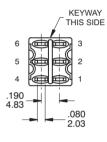
Part No. Shown : 1MS1T1B1M1QE

DPDT





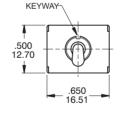


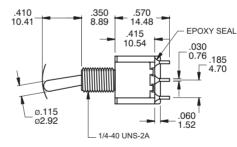


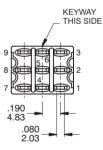
Part No. Shown : 1MD1T1B1M1QE

3PDT





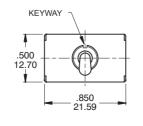


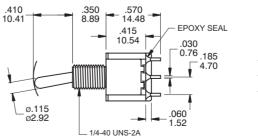


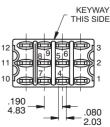
Part No. Shown : 1M31T1B1M1QE

4PDT











• 2

Y 4

1

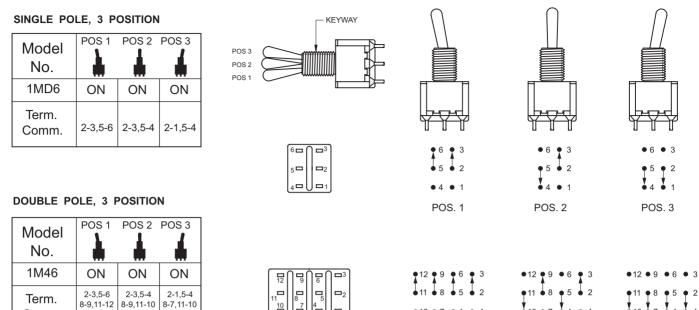
• 8

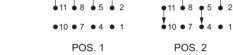
POS. 3

10 67

3-WAY SWITCHS

3-WAY WIRING DIAGRAM SCHEMATICS





ACTUATOR OPTIONS

2-1,5-4

8-7.11-10

11

10

-

2-3,5-6

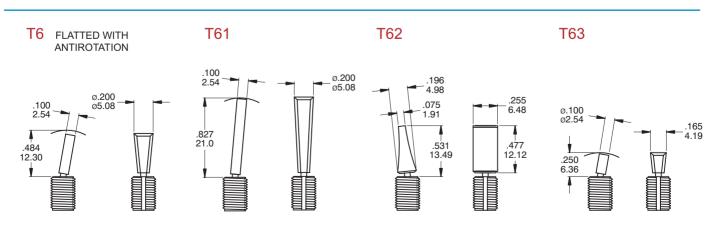
8-9.11-12

Term.

Comm.

T1 STD	T2	ТЗ	T4	T5
0.115 02.92 .410 10.41	0.105 02.67 .200 5.08	0.130 03.30 .550 13.97	0.130 03.30 .640 16.26	0.130 03.30 8.40 21.34
Add .070	Actuator shown with sta) (1.78) for B3 Bushing ; .020 (0.51) for B6 Bush			

Subtract .020 (0.51) for B6 Bushing ; Std for M1 , M2 Terminal sub .016 (0.40) for M6 , M7 , VSX



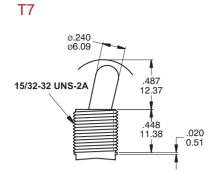
NOTE T6,T6-1,T6-2 ,T63 use with B11, B12, B15, B16 bushing only.

ø.240 ø6.09

Use with B13 bushing

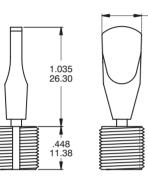


Т9



Use with B13 bushing Use with B18,B20 the lever is antirotation and the size of lever is 13.00mm

TA PLASTIC BLACK



Use with B18 bushing only

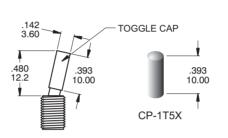
T11

TL2B25

.413 10.50

15/32-32 UNS-2A

T8



.691

17.56

.448 11.38

Use with B18,B20 the lever is antirotation

and the size of lever is 18.00mm

.020 0.51

NOTE T11Actuator shown with standard B1 Bushing ; Add .070 (1.78) for B3 Bushing ; Subtract .020 (0.51) for B6 Bushing. Std for M1.M2 Terminal sub .016 (0.40) for M6.M7.VSX

TL3B25

ø.129 ø3.28 .630 Gloss Finish 16.00 .839 21.3 Plastic Chrome Finish

B1 / B2 bushing std with black and red color only (std.)



T6-2, TA, T9, T11 ACTUATOR ONLY

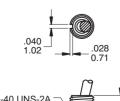
TL1B25

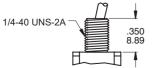
.215 .215 5.44 .215 5.44 5 4 4 T T .681 .630 .640 .567 .579 .611 15.50 16.26 UNLOCKED LOCKED 17.28 UNLOCKED 16.00 UNLOCKED 14.40 LOCKED LOCKED 1/4-40 UNS-2A 1/4-40 UNS-2A ŧ 1/4-40 UNS-2A ŧ .314 8.00 .055 1.40 .314 8.00 .314 .055 1.40 .055 1.40 8.00 I 1 -



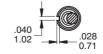
BUSHING OPTIONS

B1 THD STD B2 NON-THD





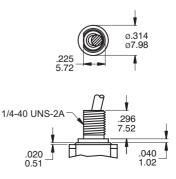
B3 THD **B4 NON-THD**

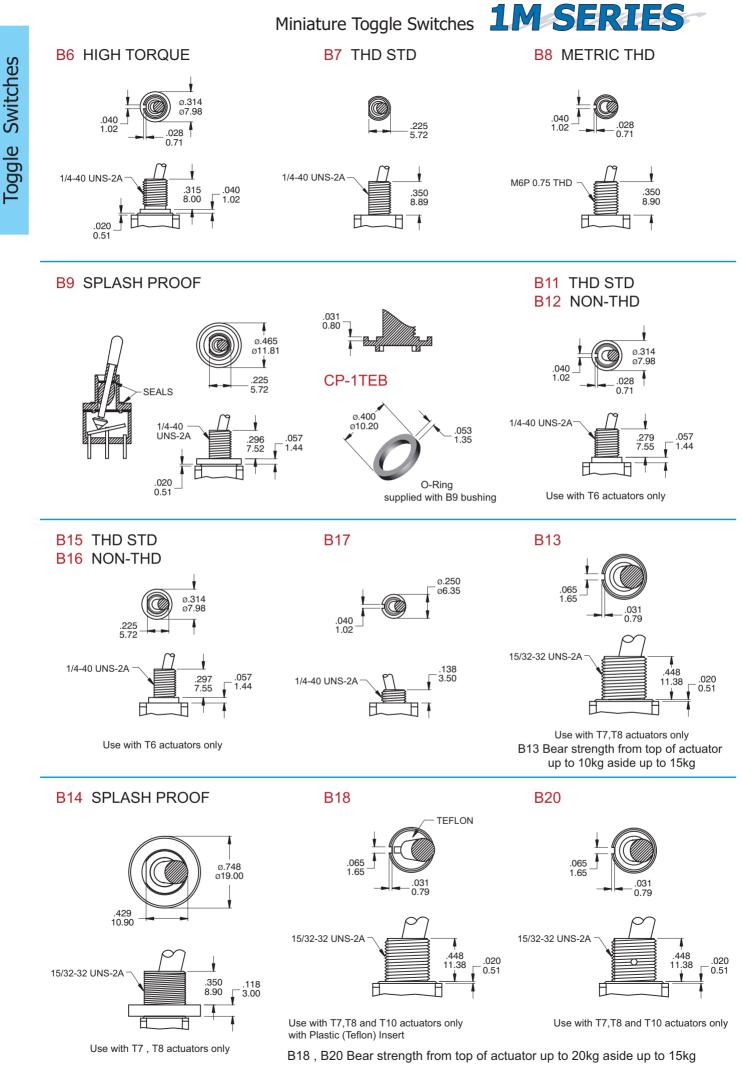




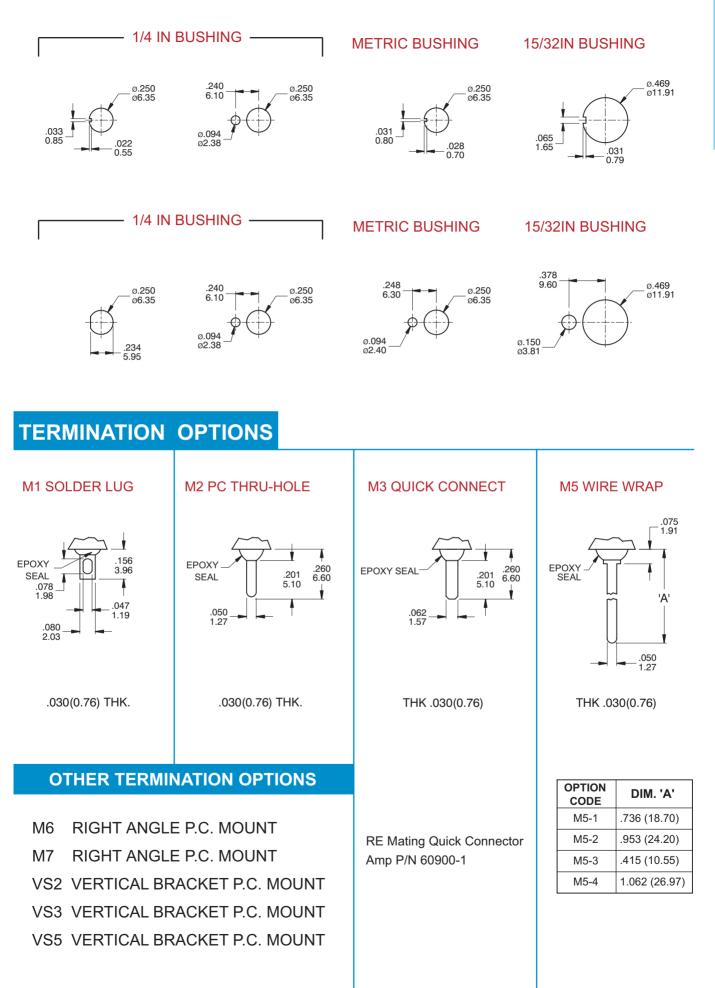
M7 and VS2~5 termination options.

B5 HIGH TORQUE

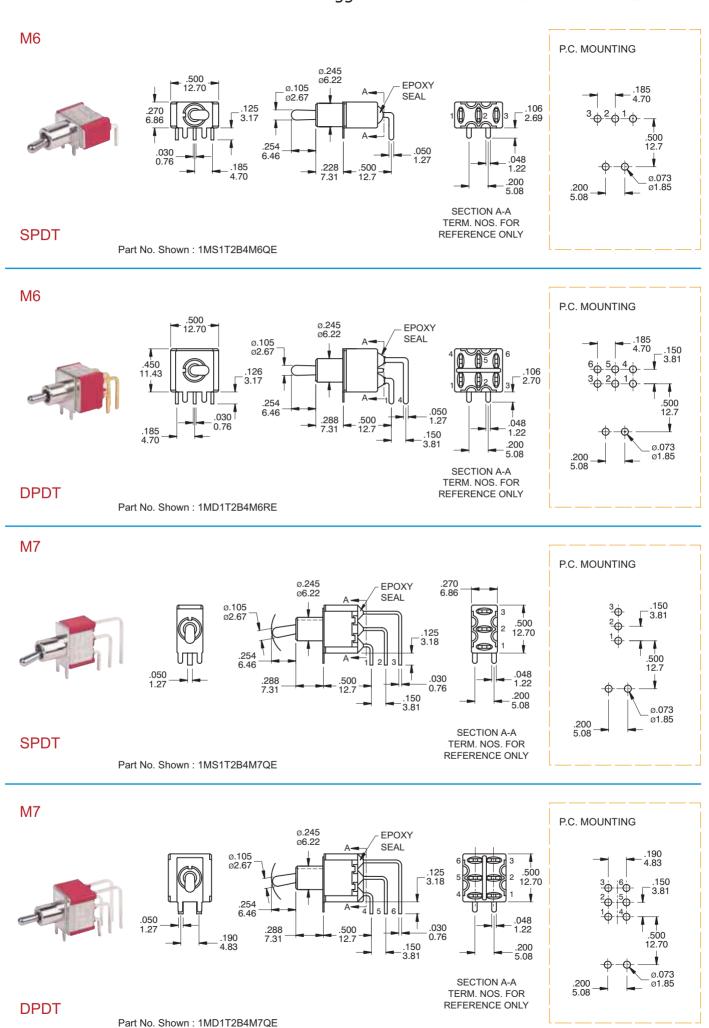




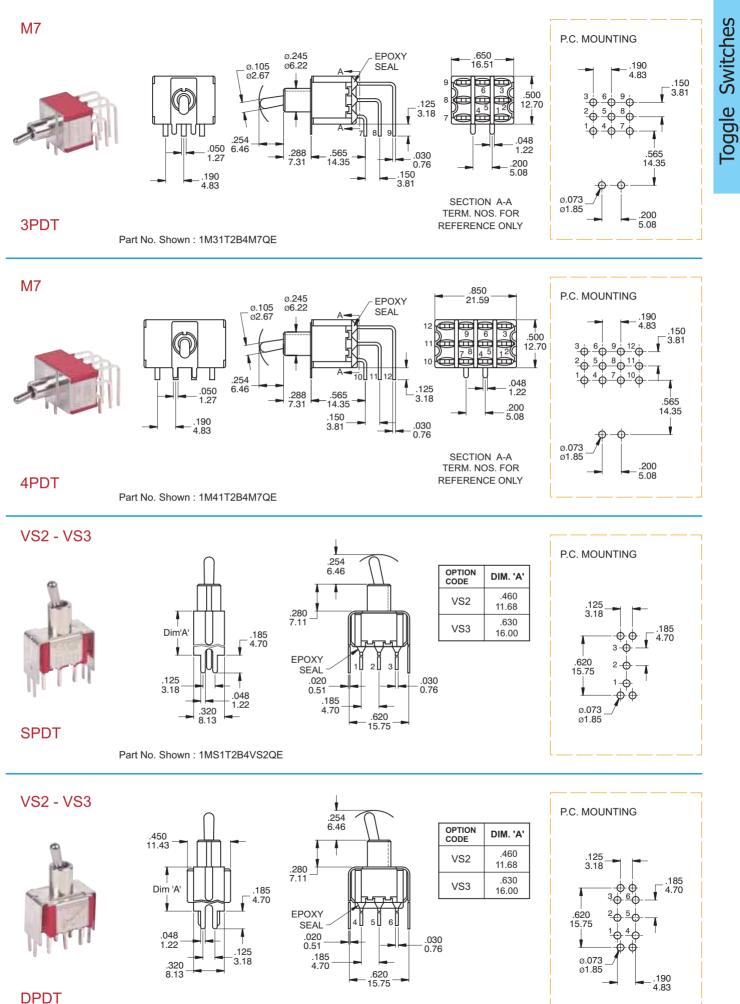
PANEL MOUNTING





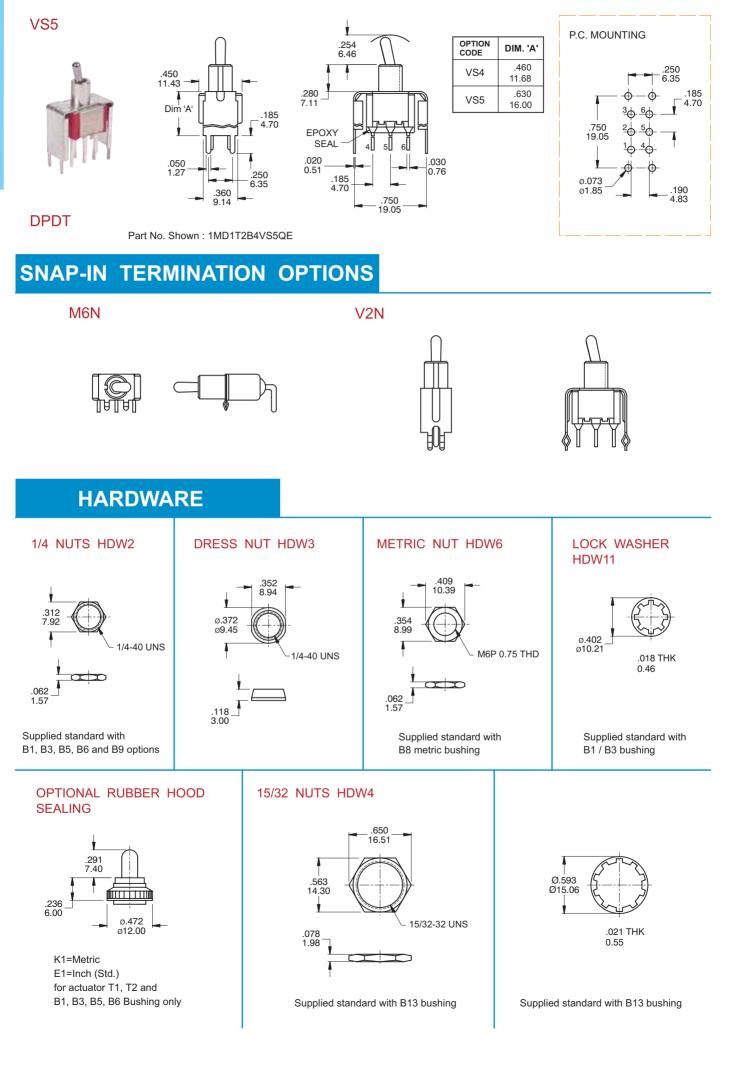




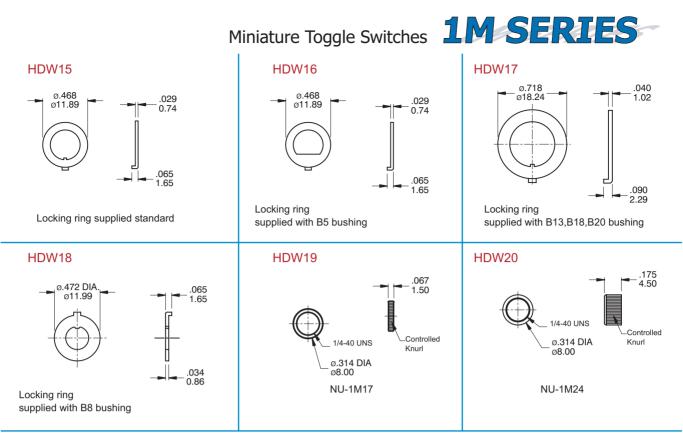


Part No. Shown : 1MD1T2B4VS3QE





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OPTIONAL TOGGLE CAP



Use with T1

9.73



CP-1T2X



Use with T2

CAP Color :		
ITEM NO	COLOR	
1	White	
2	Black (Std)	
3	Red	
4	Orange	
5	Yellow	
6	Green	
7	Blue	
8	Brown	
9	Gray	

CONTACT MATERIAL OPTIONS

\square	CONTACT MATERIAL	TERMINAL PLATING	RATINGS	
Q	Silver	Q = Silver		
S	Silver	<mark>S</mark> = Silver,pure - tin	5 Amps with resistant load @ 120VAC or 28VDC	
С	Gold over Silver	C = Gold over silver	2 Amps with resistant load @ 250VA	
K		K = Gold over silver,pure - tin		
R	Gold	R = Gold	0.4 Volt - Amps (VA) max. @ 20V max. (AC or [
G	Cold	G = Gold,pure - tin		

Toggle Switches









SOLDERING PROCESSES

MANUAL SOLDERING : Use soldering iron of 30 watts, controlled st 350°C approximately 5 seconds while applying solder. WAVE SOLDERING : Recommended Soldering Temperature : 260 ± 5°C Duration of Solder Immersion : 5 ± 1 seconds (PCB is 1.6mm in thickness)

SOLDERING : Vapor phase

	Temperature Profile		
Zone	Room Temperature	Time (Sec)	
Pre-heat (A)	150°C	Min 120s	
Soak (B)	180°C ~ 200°C	Min 150s	
Peak (C)	200°C ~ 235°C	Min 30s	
Peak (D)	235°C ~ 260°C	Min 40s	
Peak (E)	260°C	Max 10s	
(°C) 250 200 150 100 50 A Room	Peak : 260°C	E	
Temperature		Time (Sec)	