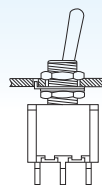
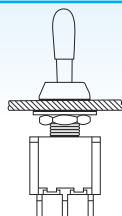
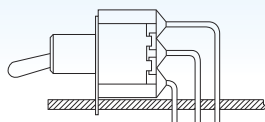
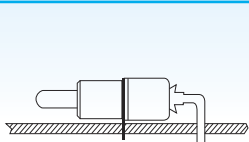




T80-T (UL1054)

Miniature Toggle Switches



SPECIFICATIONS

CONTACT RATING: 5A @125 VAC or 28 VDC (Q contact)
 ELECTRICAL LIFE: 50,000 make-and-break cycles at full load
 CONTACT RESISTANCE: 10 mΩ max. initial @2-4 VDC, 100 mA
 INSULATION RESISTANCE: 1,000 MΩ min.
 DIELECTRIC STRENGTH: 1,500 V RMS @ sea level.
 OPERATING TEMPERATURE: -30°C to +85°C

MATERIALS

CASE - diallyl phthalate (DAP)
 TOGGLE HANDLE - Copper alloy , chrome plated
 BUSHING - Copper alloy , nickel plated
 HOUSING - Stainless Steel
 CONTACT AND TERMINAL - copper alloy, silver plated

How do you build the switches you need!!

The straight type , please see the (A) ;

The right angle P.C terminals, please see the (B)

(A) T 8 0 1 3 - S E C Q - E - S 2 0 - T 1 - 2 - -

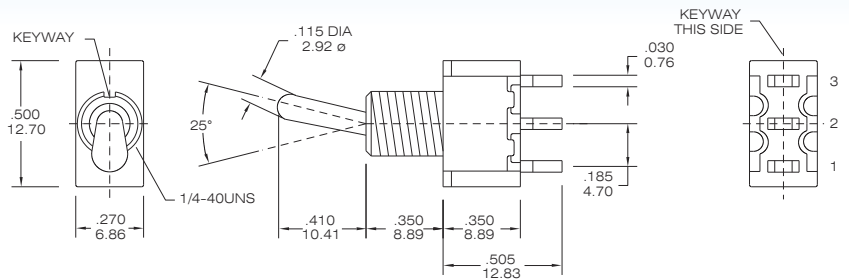
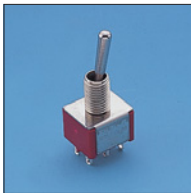
Switch Function		Actuator		Bushing		Termination		Vertical support Bracket		Cap color					
T8013	SP on-none-on	S	10.41	E (STD)	8.89	B	solder lug	(none)		0	transparent				
T8013A	SP on-none-(on)	T	5.08	M (non-thd)	8.89	C	P.C 1.27width	S20	11.68	1	white				
T8014	SP on-off-on	X	13.97	K (metric)	8.89	D	Quick connect	S25	16.00	2	black				
T8014A	SP (on)-off-(on)	W	21.34	F	7.10	D1	wire wrap(19.05)	S35	11.68	3	red				
T8014B	SP on-off-(on)	V	16.26	N (non-thd)	7.10	D3	wire wrap(10.8)	S40	16.00	4	orange				
T8011	DP on-none-on	Y	21.34	G	7.52	Contact Material		V20	snap-in 11.68	5	yellow				
T8011A	DP on-none-(on)	Flatted toggle		G1 (non-thd)	7.52			Q	silver plated	V25	snap-in 16.00	6	green		
T8012	DP on-off-on			H	8.00			R	gold plated	V35	snap-in 11.68	7	blue		
T8012A	DP (on)-off-(on)			H1 (non-thd)	8.00			G	gold over silver	V40	snap-in 16.00				
T8012B	DP on-off-(on)	U	11.43	H2 (metric)	8.00	Epoxy seal		Actuator Cap/ Rubber hood Sealing		O Ring					
T8301	3P on-none-on	U1	7.20	J (long)	9.60							E	(none) none seal	(none)	
T8303	3P on-none-(on)	U2	21.30	J1 (non-thd)	9.60										
T8305	3P on-off-on	Large15/32 bushing		L (splash-proof)	7.47										
T8307	3P (on)-off-(on)			none		the actuator: Z/Z1/Z3/Z4/LK/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N		Rubber hood							
T8309	3P on-off-(on)									RoHS code					
T8401	4P on-none-on	H = RoHS Compliant													
T8403	4P on-none-(on)			Locking Lever		Actuator Cap									
T8405	4P on-off-on							the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N		Rubber hood					
T8407	4P (on)-off-(on)	H = RoHS Compliant													
T8409	4P on-off-(on)			Locking Lever		Actuator Cap									
3 way position switches								the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N		Rubber hood					
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N		Rubber hood													
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N				Rubber hood											
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N						Rubber hood									
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N		Rubber hood													
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N				Rubber hood											
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N						Rubber hood									
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N		Rubber hood													
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N				Rubber hood											
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N						Rubber hood									
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N		Rubber hood													
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N				Rubber hood											
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N						Rubber hood									
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N		Rubber hood													
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N				Rubber hood											
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N						Rubber hood									
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N		Rubber hood													
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N				Rubber hood											
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N						Rubber hood									
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N		Rubber hood													
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N				Rubber hood											
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N						Rubber hood									
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N		Rubber hood													
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N				Rubber hood											
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N						Rubber hood									
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N		Rubber hood													
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N				Rubber hood											
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N						Rubber hood									
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N		Rubber hood													
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N				Rubber hood											
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N						Rubber hood									
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N		Rubber hood													
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N				Rubber hood											
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N						Rubber hood									
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N		Rubber hood													
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N				Rubber hood											
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N						Rubber hood									
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N		Rubber hood													
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) ZL/Z1L/ZW/Z1W/LK/LK1L and the non-thd (N) LKN/LK1N				Rubber hood											
the actuator: L/LK1 No requirement to choose the bushing unless the splash proof (L & W) Z															

(B) T 8 0 1 9 L - T N Q - E - S - T 2 - 2 -

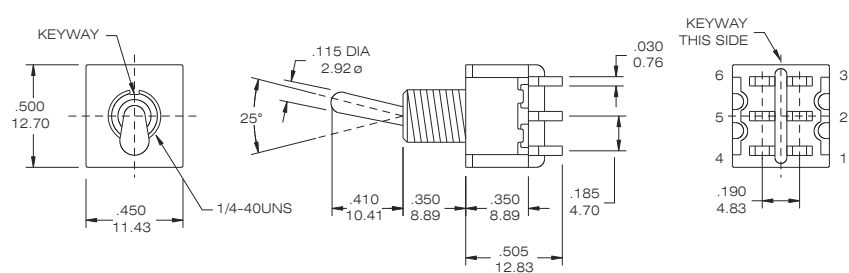
Horizon Right Angle	Vertical Right Angle	Switches Function	Actuator		Bushing		Contact Material		Actuator Cap					
T8019	T8019L	SP on-none-on	S	10.41	E	(STD)	8.89	Q	silver plated	(none)				
T8019A	T8019LA	SP on-none-(on)	T	5.08	M	(non-thd)	8.89	R	gold plated	T1	-10.58 (actuator S)			
T8020	T8020L	SP on-off-on	X	13.97	K	(metric)	8.89	G	gold over silver	T2	- 7.56 (actuator T)			
T8020A	T8020LA	SP (on)-off-(on)	W	21.34	F		7.10	K	tin plated					
T8020B	T8020LB	SP on-off-(on)	V	16.26	N	(non-thd)	7.10							
T8021	T8021L	DP on-none-on			G		7.52	Epoxy seal		Cap color				
T8021A	T8021LA	DP on-none-(on)			G1	(non-thd)	7.52	(none)	none seal	0	transparent			
T8022	T8022L	DP on-off-on			H		8.00	E	epoxy seal	1	white			
T8022A	T8022LA	DP (on)-off-(on)	U	11.43	H1	(non-thd)	8.00			2	black			
T8022B	T8022LB	DP on-off-(on)	U1	7.2	H2	(metric)	8.00			3	red			
T8301P(A)	T8301P	3P on-none-on	U2	21.30	J	(long)	9.60	Support Bracket type		4	orange			
T8303P(A)	T8303P	3P on-none-(on)			J1	(non-thd)	9.60	(none)	std. snap-in type	5	yellow			
T8305P(A)	T8305P	3P on-off-on			L	(splash-proof)	7.47			6	green			
T8307P(A)	T8307P	3P (on)-off-(on)	Locking Lever		none					7	blue			
T8309P(A)	T8309P	3P on-off-(on)	LK	Round top(thd)	the actuator: LK/LK1 No requirement to choose the bushing unless the splash proof (L) LKL/LK1L and the non-thd (N) LKN/LK1N						RoHS code			
T8401P	T8401P	4P on-none-on	LK1	Flat top(thd)									H = RoHS Compliant	
T8403P	T8403P	4P on-none-(on)												
T8405P	T8405P	4P on-off-on												
T8407P	T8407P	4P (on)-off-(on)												
T8409P	T8409P	4P on-off-(on)												
3 way position switches														
T822	T822L	SP3T on-on-on												
T822A	T822LA	SP3T (on)-on-(on)												
T822B	T822LB	SP3T on-on-(on)												
	T845P	DP3T on-on-on												
	T847P	DP3T (on)-on-(on)												
	T849P	DP3T on-on-(on)												

**T80-T (UL1054)****Miniature Toggle Switches (Straight Type)****SPDT**

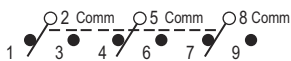
Model No.	Switching position		
T8013	ON	none	ON
T8013A	ON	none	(ON)
T8014	ON	OFF	ON
T8014A	(ON)	OFF	(ON)
T8014B	ON	OFF	(ON)
Term. Comm.	2-3	open	2-1

**T8013 - SEBQ****DPDT**

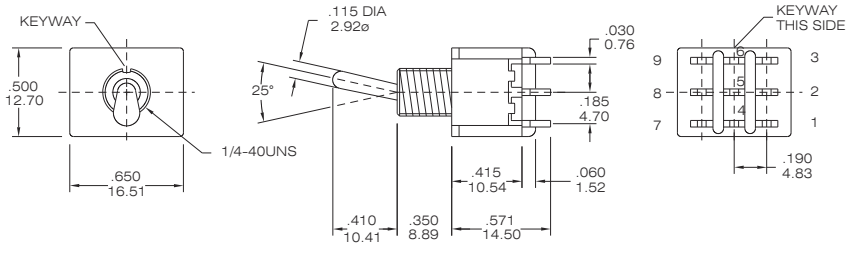
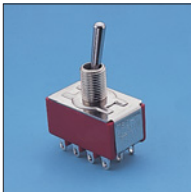
Model No.	Switching position		
T8011	ON	none	ON
T8011A	ON	none	(ON)
T8012	ON	OFF	ON
T8012A	(ON)	OFF	(ON)
T8012B	ON	OFF	(ON)
Term. Comm.	2-3,5-6	open	2-1,5-4
3 way switches (SP3T)			
T812	ON	ON	ON
T812A	(ON)	ON	(ON)
T812B	ON	ON	(ON)
Term. Comm.	2-3,5-6	2-3,5-4	2-1,5-4

**T8011 - SEBQ**

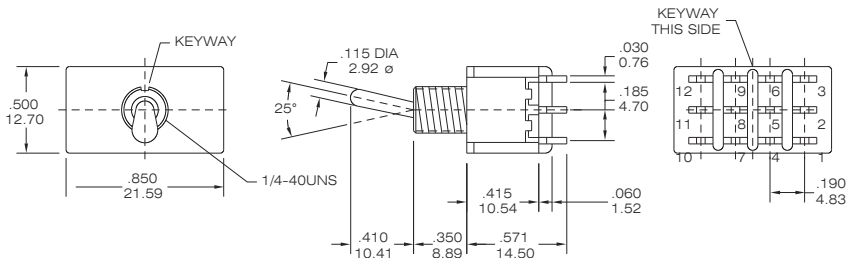
Please see page A18 to know more about T812
(3-way Switches)

3PDT

Model No.	Switching position		
T8301	ON	none	ON
T8303	ON	none	(ON)
T8305	ON	OFF	ON
T8307	(ON)	OFF	(ON)
T8309	ON	OFF	(ON)
Term. Comm.	2-3,5-6 8-9	open	2-1,5-4 8-7

**T8301- SEBQ****4PDT**

Model No.	Switching position		
T8401	ON	none	ON
T8403	ON	none	(ON)
T8405	ON	OFF	ON
T8407	(ON)	OFF	(ON)
T8409	ON	OFF	(ON)
Term. Comm.	2-3,5-6 8-9,11-12	open	2-1,5-4 8-7,11-10
3 way switches (DP3T)			
T845	ON	ON	ON
T847	(ON)	ON	(ON)
T849	ON	ON	(ON)
Term. Comm.	2-3,5-6 8-9,11-12	2-3,5-4 8-9,11-10	2-1,5-4 8-7,11-10

**T8401 - SEBQ**

Please see page A18 to know more about T845
(3-way Switches)



FEATURE

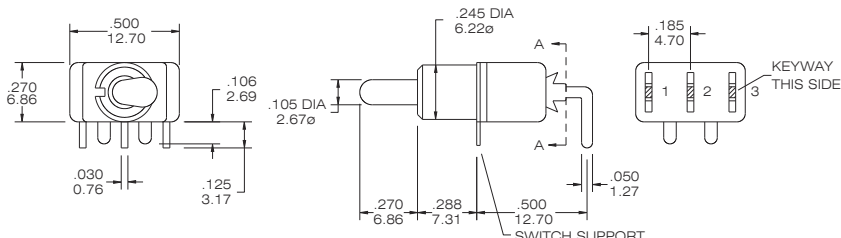
The T80-T series P.C.B Mounted Toggle Switches - Right Angle Type - are specially designed for P.C. Boards . Easy to mount and install securely with a vertical support rack . The toggle operates in the same direction as the print connectors . Customers' specifications of pitch are acceptable.

HORISON RIGHT ANGLE

SPDT

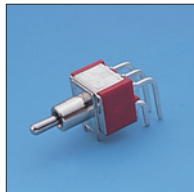


Model No.	Switching position		
T8019	ON	none	ON
T8019A	ON	none	(ON)
T8020	ON	OFF	ON
T8020A	(ON)	OFF	(ON)
T8020B	ON	OFF	(ON)
Term. Comm.	2-3	open	2-1

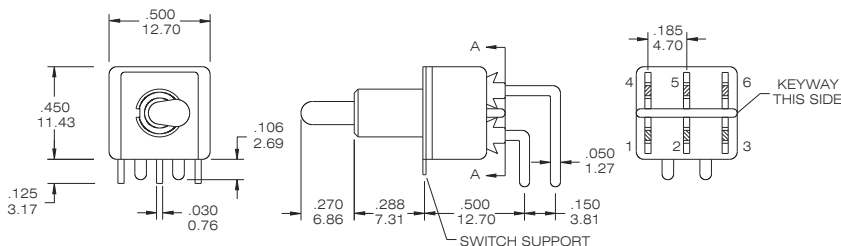


T8019 - TNQ

DPDT



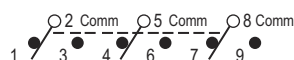
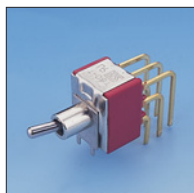
Model No.	Switching position		
T8021	ON	none	ON
T8021A	ON	none	(ON)
T8022	ON	OFF	ON
T8022A	(ON)	OFF	(ON)
T8022B	ON	OFF	(ON)
Term. Comm.	2-3,5-6	open	2-1,5-4
3 way switches (SP3T)			
T822	ON	ON	ON
T822A	(ON)	ON	(ON)
T822B	ON	ON	(ON)
Term. Comm.	2-3,5-6	2-3,5-4	2-1,5-4



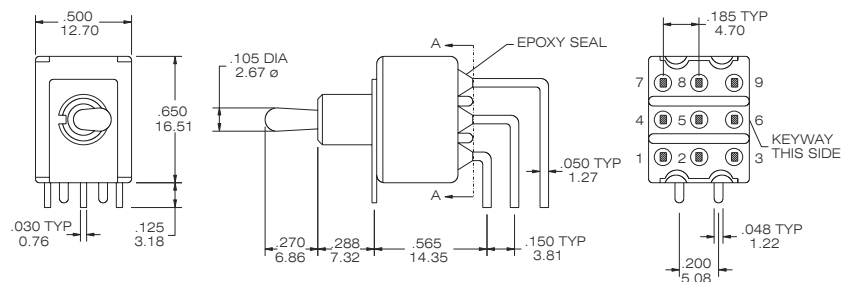
T8021 - TNQ

Please see page A18 to know more about T822 (3-way Switches)

3PDT



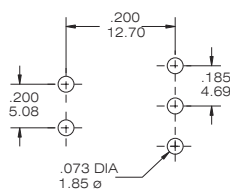
Model No.	Switching position		
T8301P(A)	ON	none	ON
T8303P(A)	ON	none	(ON)
T8305P(A)	ON	OFF	ON
T8307P(A)	(ON)	OFF	(ON)
T8309P(A)	ON	OFF	(ON)
Term. Comm.	2-3,5-6	open	2-1,5-4
	8-9		8-7



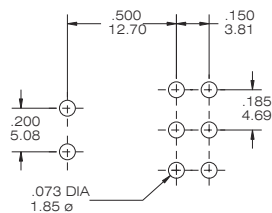
T8301P(A)- TNQ

P.C.B MOUNTING DIMENSIONS

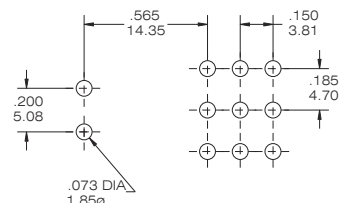
FOR T8019-T8020B

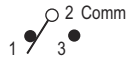


FOR T8021-T8022B

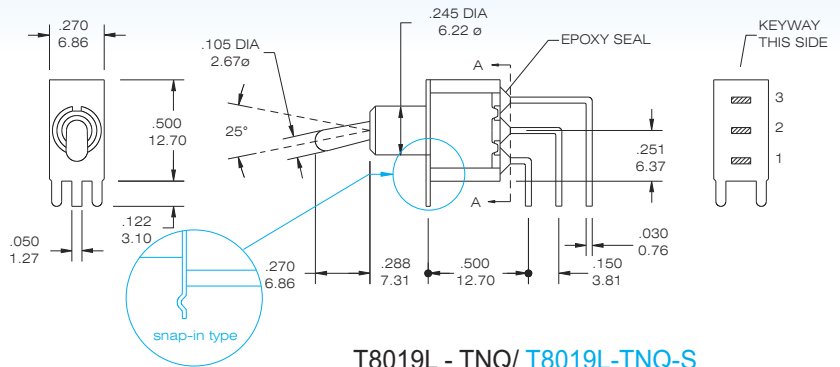


FOR T8301P(A)-T8309P(A)

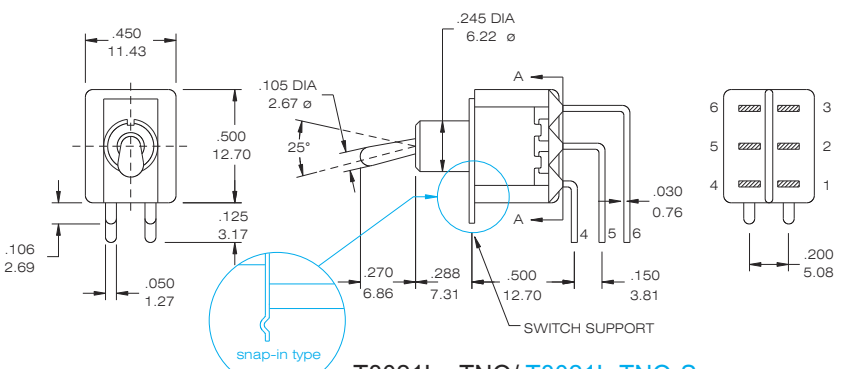


**T80-T (UL1054)****Miniature Toggle Switches (Right Angle Type)****VERTICAL RIGHT ANGLE****SPDT**

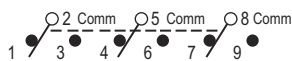
Model No.	Switching position		
T8019L	ON	none	ON
T8019LA	ON	none	(ON)
T8020L	ON	OFF	ON
T8020LA	(ON)	OFF	(ON)
T8020LB	ON	OFF	(ON)
Term. Comm.	2-3	open	2-1

**T8019L - TNQ/ T8019L-TNQ-S****DPDT**

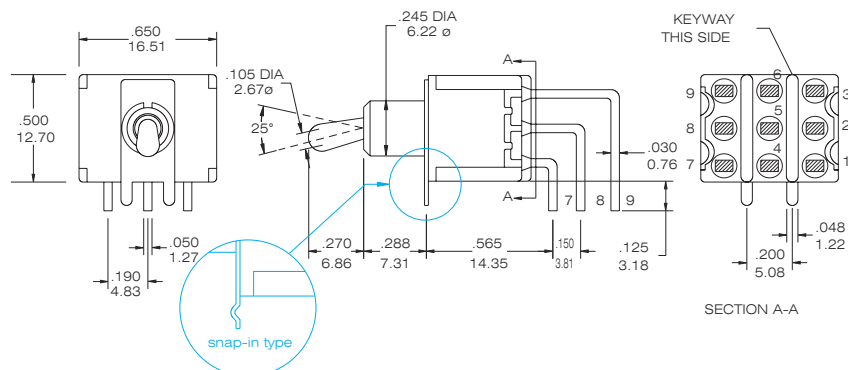
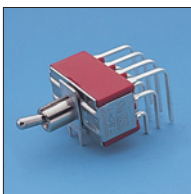
Model No.	Switching position		
T8021L	ON	none	ON
T8021LA	ON	none	(ON)
T8022L	ON	OFF	ON
T8022LA	(ON)	OFF	(ON)
T8022LB	ON	OFF	(ON)
Term. Comm.	2-3,5-6	open	2-1,5-4
3 way switches (SP3T)			
T822L	ON	ON	ON
T822LA	(ON)	ON	(ON)
T822LB	ON	ON	(ON)
Term. Comm.	2-3,5-6	2-3,5-4	2-1,5-4

**T8021L - TNQ/ T8021L-TNQ-S**

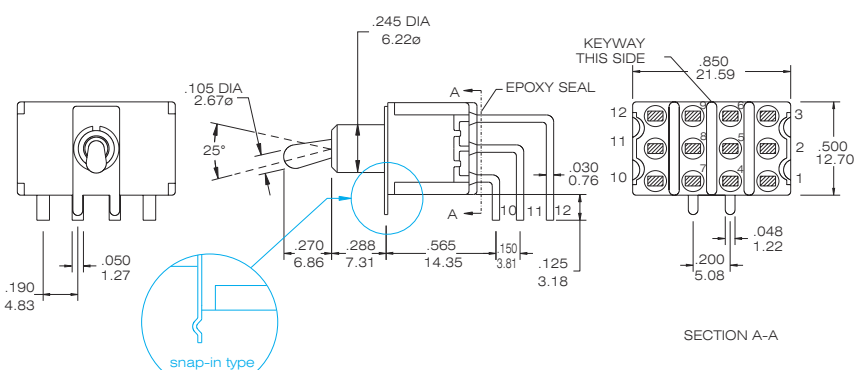
Please see page A18 to know more about T822L (3-way Switches)

3PDT

Model No.	Switching position		
T8301P	ON	none	ON
T8303P	ON	none	(ON)
T8305P	ON	OFF	ON
T8307P	(ON)	OFF	(ON)
T8309P	ON	OFF	(ON)
Term. Comm.	2-3,5-6 8-9	open	2-1,5-4 8-7

**T8301P- TNQ/ T8301P-TNQ-S****4PDT**

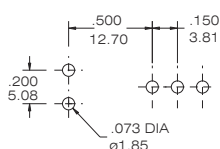
Model No.	Switching position		
T8401P	ON	none	ON
T8403P	ON	none	(ON)
T8405P	ON	OFF	ON
T8407P	(ON)	OFF	(ON)
T8409P	ON	OFF	(ON)
Term. Comm.	2-3,5-6 8-9,11-12	open	2-1,5-4 8-7,11-10
3 way switches (DP3T)			
T845P	ON	ON	ON
T847P	(ON)	ON	(ON)
T849P	ON	ON	(ON)
Term. Comm.	2-3,5-6 8-9,11-12	2-3,5-4	2-1,5-4 8-7,11-10

**T8401P- TNQ/ T8401P-TNQ-S**

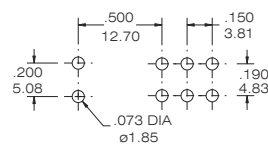
Please see page A18 to know more about T845P (3-way Switches)

P.C.B MOUNTING DIMENSIONS

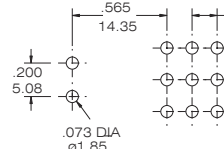
FOR T8019L-T8020LB



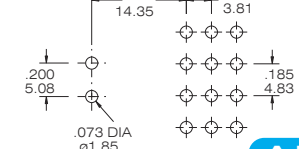
FOR T8021L-T8022LB



FOR T8301P-T8309P



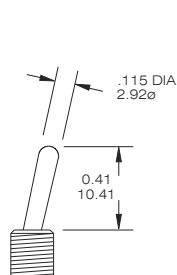
FOR T8401P-T8409P



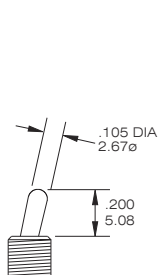
The dimensions in the catalogue and website are for reference only, not suitable for formal acknowledge.

Actuator Option

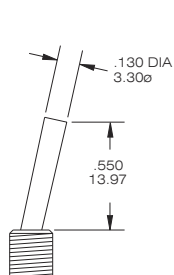
S (STD)



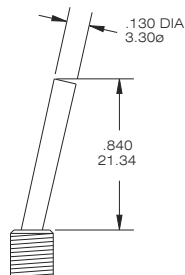
T(STD)



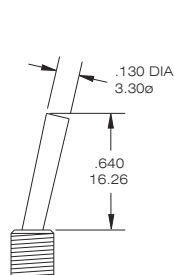
X LONG



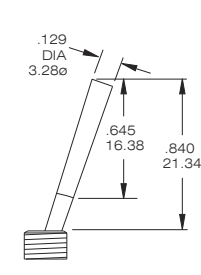
W LONG



V LONG



Y PLASTIC



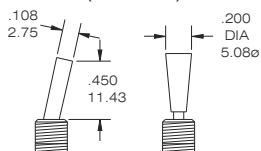
Y HANDLE COLOR NO.	COLOR
1	White
2	Black(std.)
3	Red

the height of actuator is with bushing "E". It will be difference with other bushing option

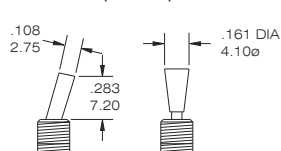
Now the available color is "2". If you need the others, please inquire first.

Flatted Actuator (ONLY APPLY "H""H1""H2" BUSHING)

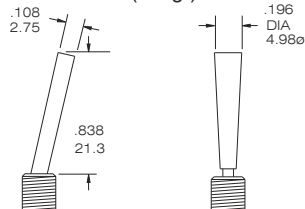
U (standard)



U1 (short)

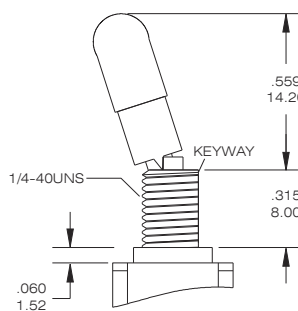


U2 (long)

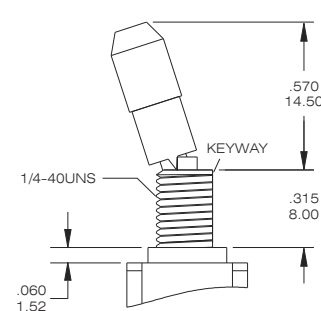


Locking Lever

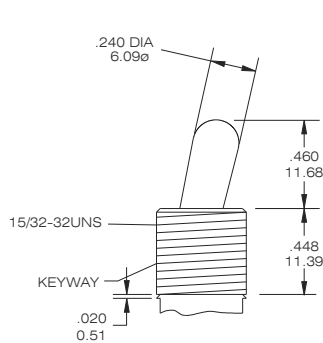
LK (round top)



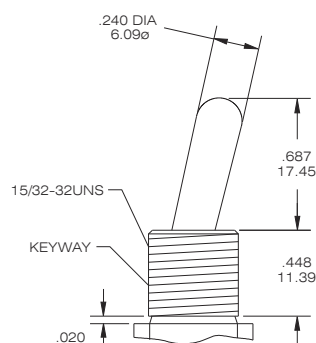
LK1(flat top)



Z LARGE TOGGLE
Z4 ANTIROTATION



Z1 LARGE TOGGLE
Z3 ANTIROTATION

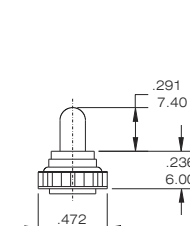


Bushing Option Code not required unless " L " splashproof bushing ordered.

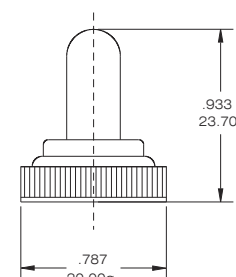
Bushing Option Code not required unless

- (1) " L " splashproof bushing ordered --LKL / LK1L
- (2) non-thread ordered,choose the bushing code "N" -- LKN / LK1N

Rubber Hood Sealing



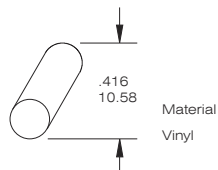
K1=METRIC
E1=INCH
E1-L=INCH



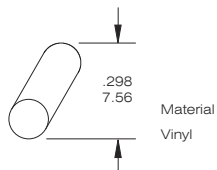
E2 for the large toggle
(15/32-32UNS)

Toggle Cap Option

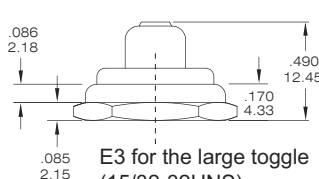
T1 for actuator "S"only



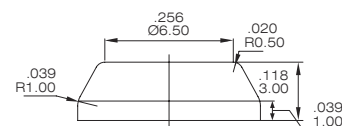
T2 for actuator "T"



code	color	code	color	code	color	code	color
0	transparent	1	white	2	black	3	red
4	orange	5	yellow	6	green	7	blue



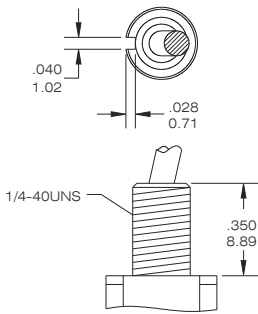
E3 for the large toggle
(15/32-32UNS)



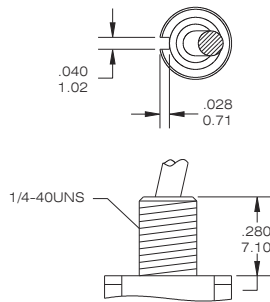
E6 O RING

Bushing Option

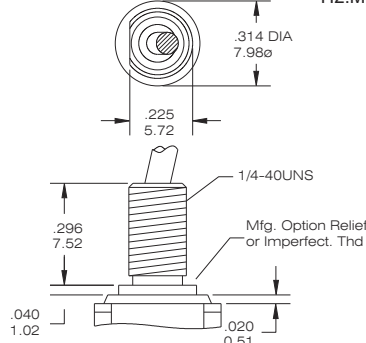
**E THD STD. TYPE
M NON-THD**



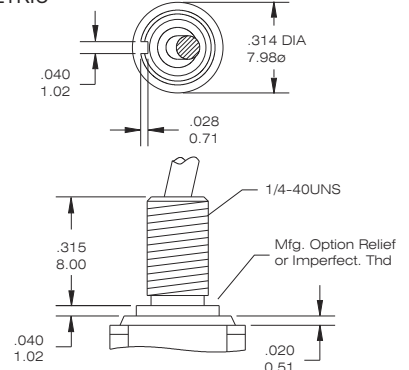
**F THD.
N NON-THD**



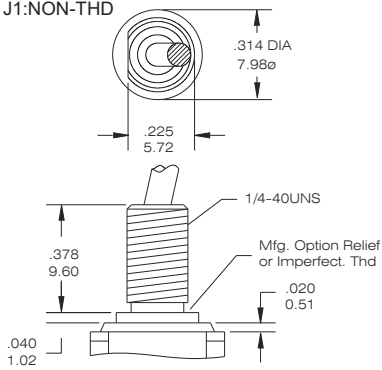
**HIGH TORQUE
G:THD STD.TYPE
G1:NON-THD**



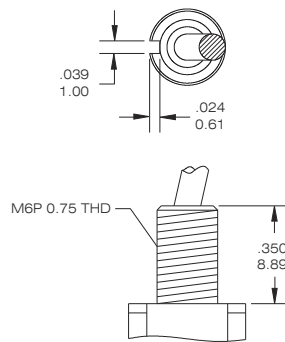
**HIGH TORQUE
H:THD STD.TYPE
H1:NON-THD
H2:METRIC**



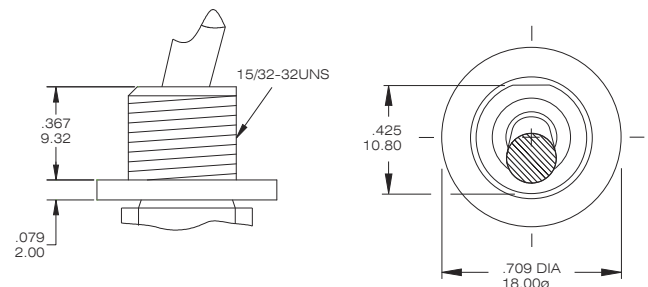
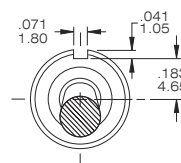
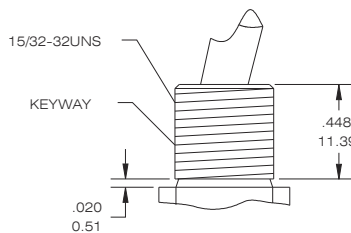
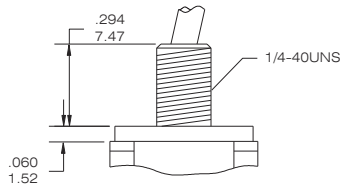
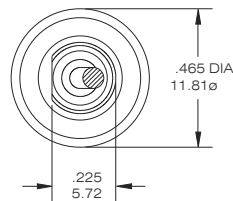
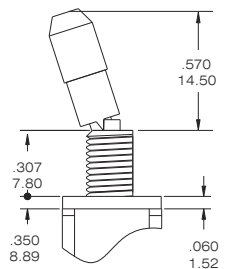
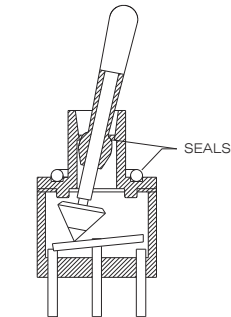
**LONG
J:THD STD.TYPE
J1:NON-THD**



K METRIC

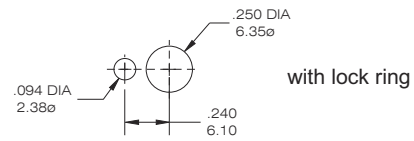
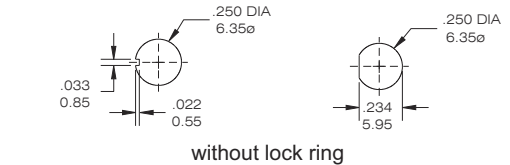


Splash water proof Solution L SPLASH-PROOF

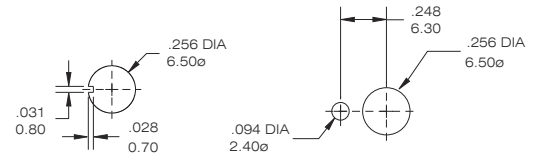


Panel Mounting

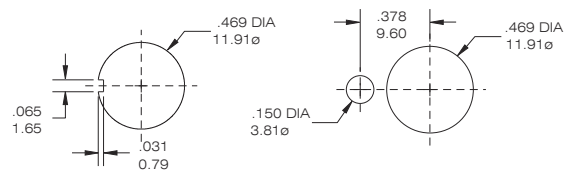
1/4 IN. BUSHING



METRIC BUSHING



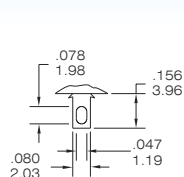
15/32 IN. BUSHING



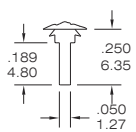
W SPLASH-PROOF

**T80-T****Miniature Toggle Switches****TERMINAL OPTION (ONLY FOR THE STRAIGHT TYPE T8013~T8401)****TERMINAL SEAL OPTION**

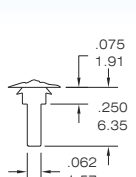
B SOLDER LUG C PRINTED CIRCUIT D QUICK CONNECT WIREWRAP



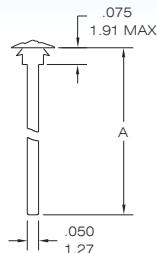
THK 0.76 (.030)



THK 0.76 (.030)

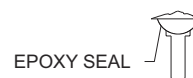


THK 0.76 (.030)



THK 0.76 (.030)

CODE	"A" dimension
D1	.750 (19.05)
D3	.425 (10.8)

E TERMINAL SEAL

EPOXY SEAL

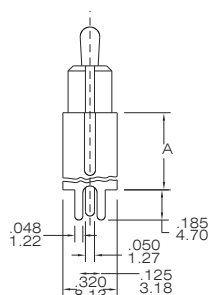
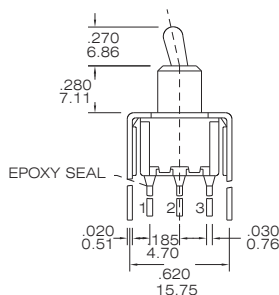
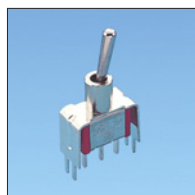
CONTACT MATERIAL OPTIONS

CODE	CONTACT MATERIAL	TERMINAL MATERIAL	RATING
Q	Silver plated	Silver plated	5 A @ 125 V AC or 28 V DC; 3 A @ 250 VAC
R	Gold plated over nickel plated	Gold plated over nickel plated	0.4VA MAX @ 20 V AC or DC MAX
G	Gold plated over silver plated	Gold plated over silver plated	0.4 VA MAX @ 20 V AC or DC MAX or 5 A @ 125V AC or 28 VDC; 3 A @ 250 VAC
K	Gold plated over nickel plated	Tin over nickel plated	0.4VA MAX @ 20 V AC or DC MAX

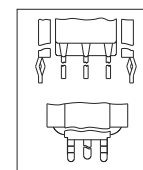
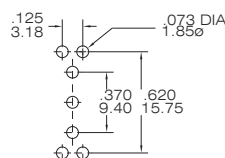
* The K option is only for some special item. Please inquire first when you need the "K" option

VERTICAL SUPPORT BRACKET OPTION

(only apply the straight type terminal -page A12. Please build the terminal option "c" code)

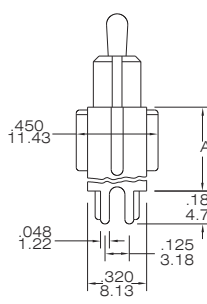
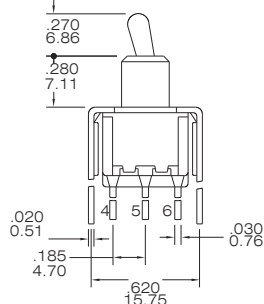
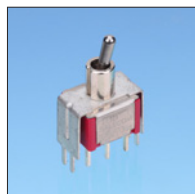
SPDT**S20/S25/V20/V25**

P.C. MOUNTING

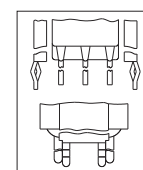
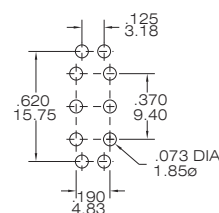
SNAP-IN
V20/ V25

CODE	"A" dimension
S20/V20	.460 (11.68)
S25/V25	.630 (16.00)
V20/V25 : the snap-in type	

T8013 - TNCQ-S20(S25)

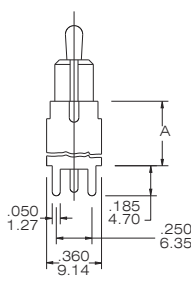
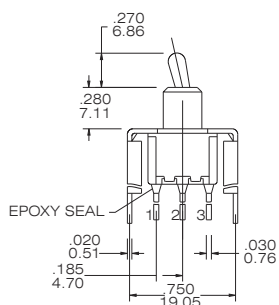
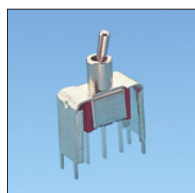
DPDT**S20/S25/V20/V25**

P.C. MOUNTING

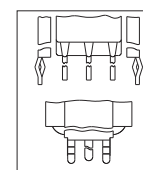
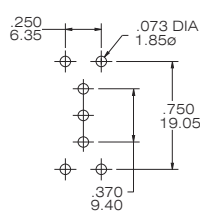
SNAP-IN
V20/ V25

CODE	"A" dimension
S20/V20	.460 (11.68)
S25/V25	.630 (16.00)
V20/V25 : the snap-in type	

T8011 - TNCQ-S20(S25)

SPDT**S35/S40/V35/V40**

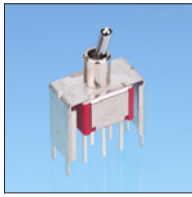
P.C. MOUNTING

SNAP-IN
V35/ V40

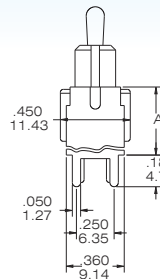
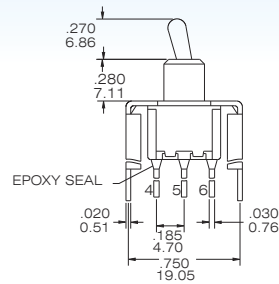
CODE	"A" dimension
S35/V35	.460 (11.68)
S40/V40	.630 (16.00)
V35/V40 : the snap-in type	

T8013 - TNCQ-S35(S40)

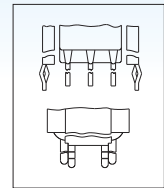
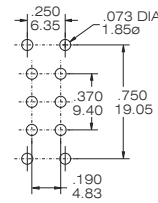
S35 / S40/ V35/V40



DPDT



P.C. MOUNTING



SNAP-IN
V35/ V40

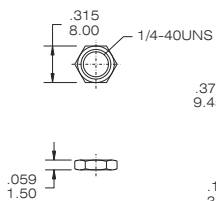
CODE	"A" dimension
S35/V35	.460 (11.68)
S40/V40	.630 (16.00)
V35/V40 : the snap-in type	

T8011 - TNCQ-S35(S40)

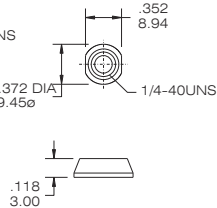
The hardware of T80-T TOGGLE SWITCHES

NUT

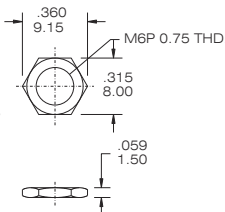
STD.



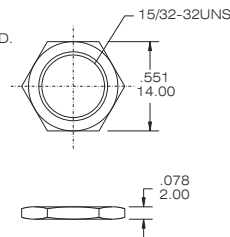
DRESS NUT



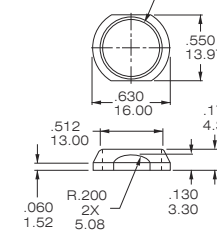
METRIC NUT



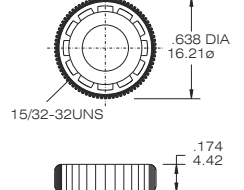
STD. FOR Z Z1



DRESS NUT FOR Z Z1

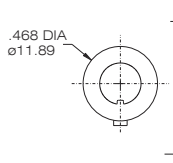


KNURLED NUT

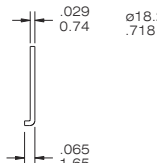


LOCKING RING

STD

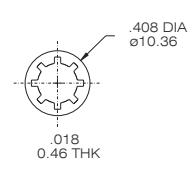


STD. FOR Z Z1

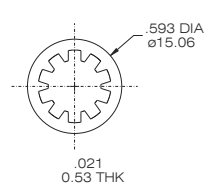


LOCK WASHER

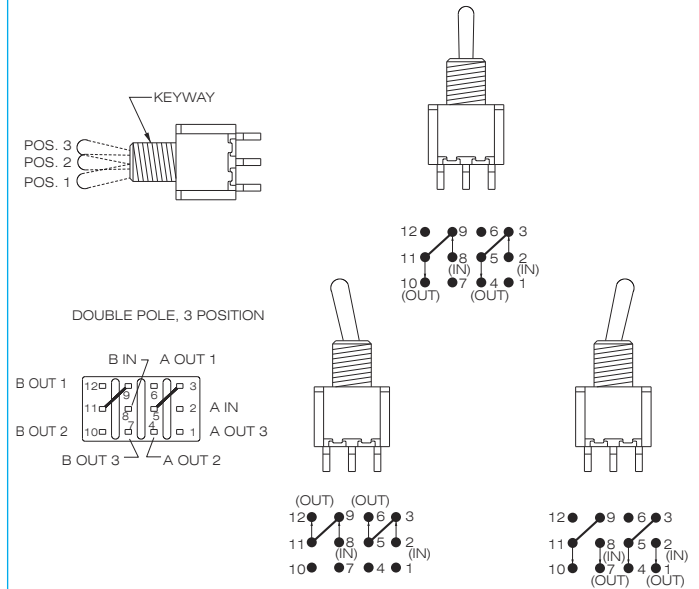
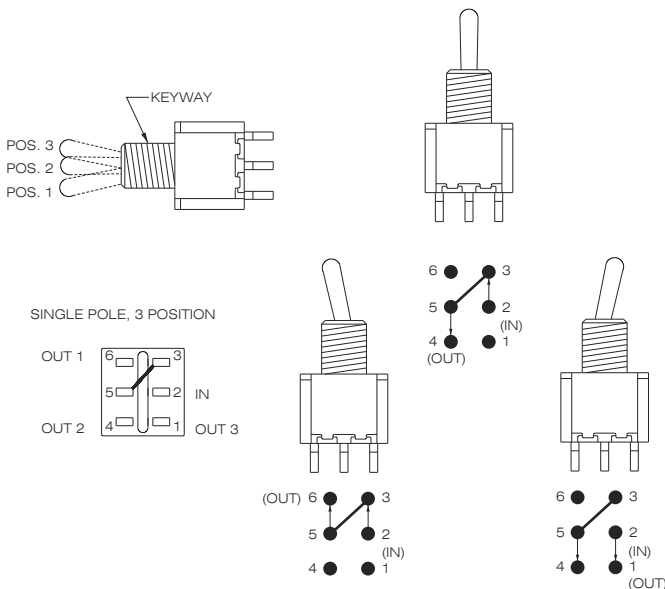
STD.



STD. FOR Z Z1



The information of 3-way toggle switches



SP3T

DP3T