

Toggle Switches, Tiny, Part Number Matrix

MATERIAL SPECIFICATIONS:

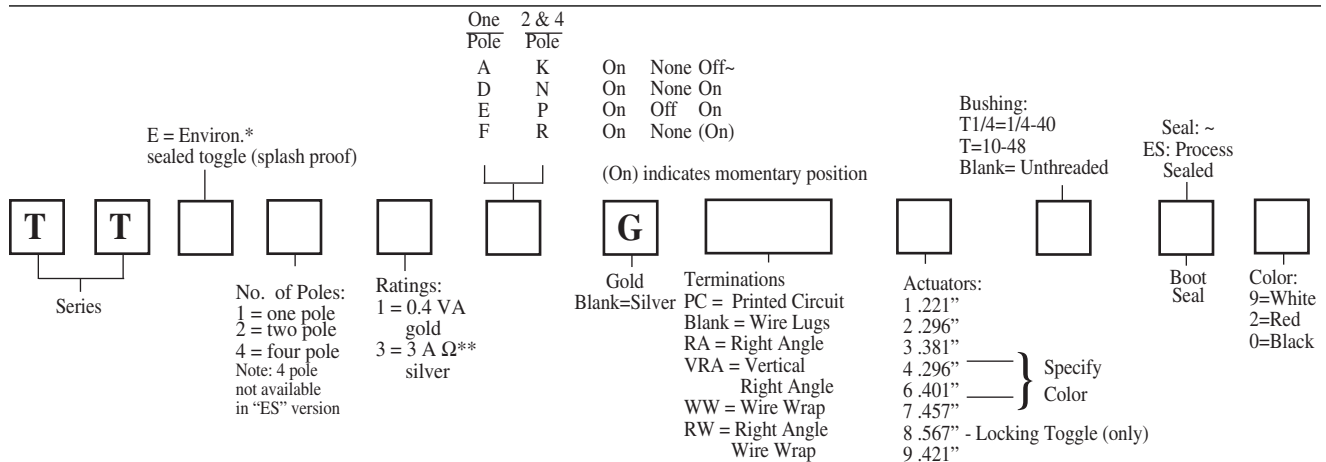
Contacts.....Gold over nickel or silver plate
Case Material.....Thermoplastic 94V-0
Terminals/Fixed Contacts.....Tin lead plate
Terminal Seal.....Epoxy on single pole, optional
on double pole
Process Seal.....ES version only (see page C16 - C17)

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature.....-22°F to +185°F (-30°C to +85°C)
Storage Temperature.....-67°F to +185°F (-55°C to +85°C)
Solder Heat Resistance.....See page M3-4
U.L. (File E-46765).....Silver only

TYPICAL PERFORMANCE CHARACTERISTICS:

Contact Rating..... Gold: 0.4 VA max. @ 20 VDC or peak AC
Silver (2 pos.): 3 A @ 125 VAC or 28 VDC
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Initial Contact Resistance..... 20 Milliohms max.
Contact Timing..... Break before Make
Insulation Resistance..... 1,000 Megohms 500 VDC min.
Dielectric Strength..... 1,000 Volts RMS @ sea level
Plunger/Actuator Travel..... 26°
High Torque Bushing Shoulder..... Yes
Life Expectancy..... See chart below
Note: Hardware included with switch



Tiny toggle switch life expectancy chart

One Pole	0.4VA	80,000 (2 Pos.)	60,000 (3 Pos.)
Two Pole	3 Amp	20,000 (2 Pos.)	10,000 (3 Pos.)
Four Pole	0.4VA	80,000 (2 Pos.)	60,000 (3 Pos.)
	3 Amp	20,000 (2 Pos.)	10,000 (3 Pos.)

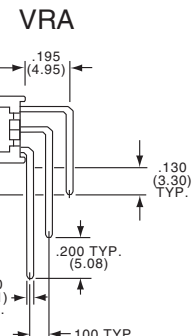
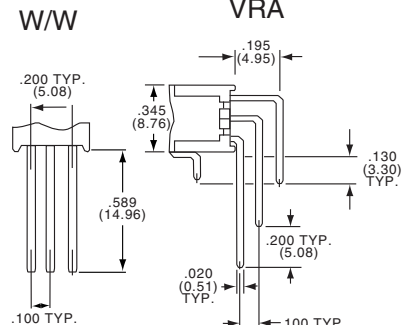
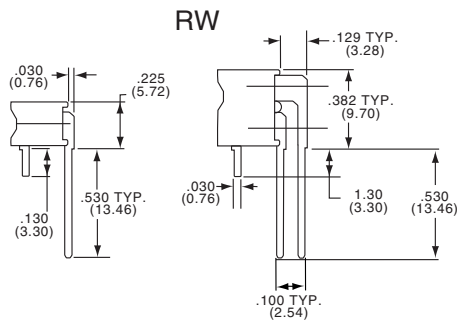
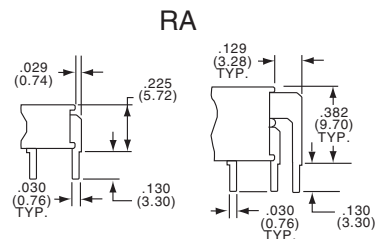
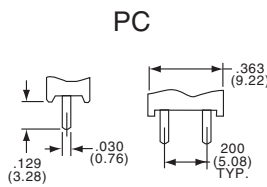
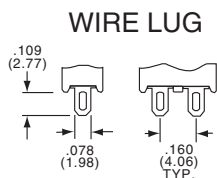
APPLICATION NOTE:

For surface mount termination, use the "TST" series on page C5.
For 3 pole refer to the MT Series on page C43

Actuator Dimensions shown with	
1,2,3,4,6	10-48 bushing
7,8,9	1/4-40 bushing

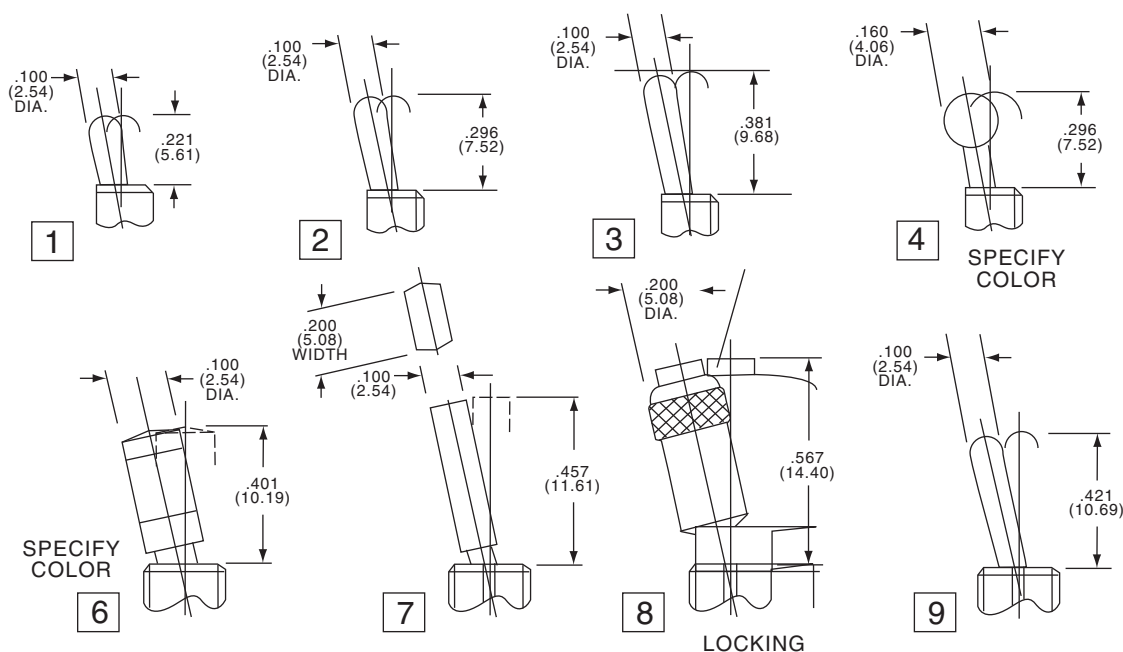
* Not available on 7 actuator or with VRA.
** Not available in RA.
Ω Available in PC & WL only.
~ Available in WL & PC only.

TERMINATIONS

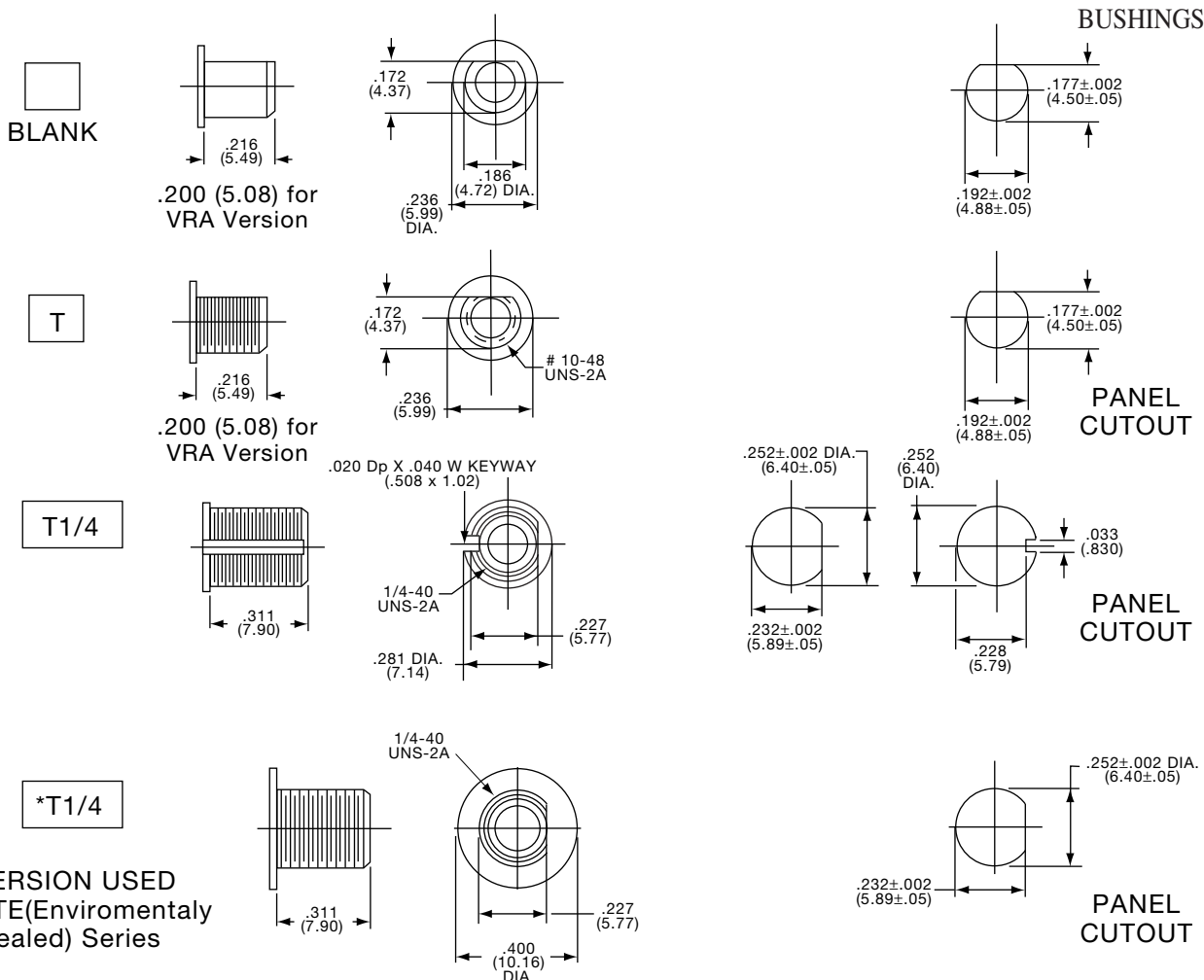


Toggle Switches, Tiny, Actuator and Bushing Options

Toggle Cap
Series C-11*
Available

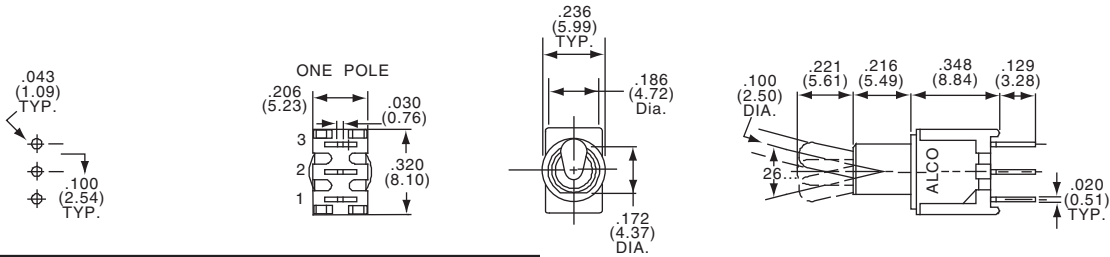


C
TT Series



*VERSION USED
ON TTE(Enviromentally
Sealed) Series

Toggle Switches, Tiny, Vertical, PC Mount



1 POLE

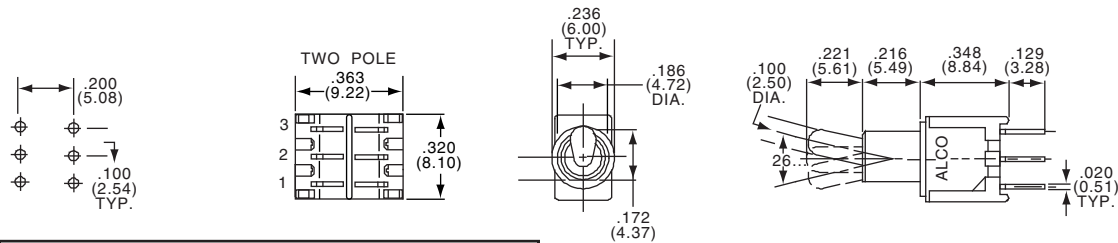
For Terminal Connections refer to Code Chart (see page M5-6)



TT11DGPC1

Tyco Electronics	Alcoswitch	Type	Act. Code P. M5	On	None	Off
2-1437561-3	TT11AGPC1	SPST	A	On	None	Off
2-1437561-6	TT11DGPC1	SPDT	D	On	None	On
5-1437561-1	TT11EGPC1	SPDT	E	On	Off	On

Note: No center terminal on "A" switches



2 POLE

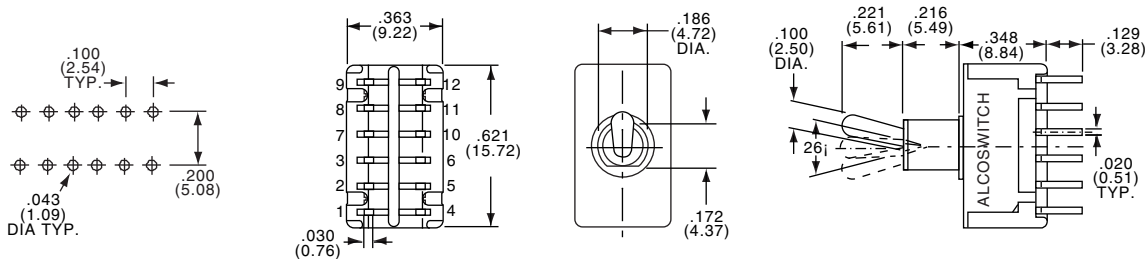
For Terminal Connections refer to Code Chart (see page M5-6)



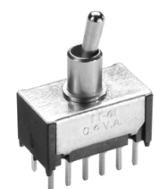
TT21NGPC1

Tyco Electronics	Alcoswitch	Type	Act. Code P. M5	On	None	Off
9-1437561-9	TT21KGPC1	DPST	K	On	None	Off
1437562-3	TT21NGPC1	DPDT	N	On	None	On
3-1437562-4	TT21PGPC1	DPDT	P	On	Off	On

Note: No center terminal on "K" switches



4 POLE



TT41NGPC1

Tyco Electronics	Alcoswitch	Type	Act. Code P. M5	On	None	Off
6-1437562-6	TT41NGPC1	4PDT	N	On	None	On