

SW-TS-21A-UQ



Specifications

Contact rating	1 A @ 120 VAC or 28 VDC
Durability	50000 cycles at full load
Contact resistance	20 mΩ max. initial @ 3 VDC, 100 mA
Insulator resistance	1000 MΩ min.
Dielectrical withstanding	1500 VAC
Operation temperature	-30 °C to +85 °C

Materials

Case	Diallyl phthalate (DAP)
Plunger	Thermostatic polyester
Bushing	Copper alloy, plating: nickel
Housing	Stainless steel
Contact and terminal	Copper alloy, plating: see order code and table (page 4)
Switch support	Copper alloy, plating: tin

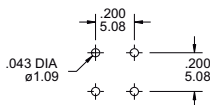
Right angle type - part numbering guide



S **W** - **T** **S** - **2** **1** **A** - **C** **V** **1** - **2** - **U** **Q** - **E** - **H**

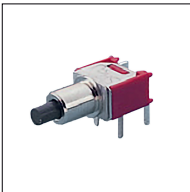
Right Angle Horizontal	Switches Function	Cap	Plunger	Epoxy Seal
TS-21A	SPST off-mom.	(none) none CV 5.08 CV1 7.62	(none) std. FP flush type	(none) none seal E epoxy seal
		Cap Color	Bushing	Support Bracket
		1 white 2 black 3 red 4 orange 5 yellow 6 green 7 Blue 8 Gray	S 10-48 thd.(FLAT) 5.59 U none thd.(FLAT) 5.59 T none thd.(ROUND) 5.59 S9 flush	(none) Std. straight type S snap-in type
			Contact Plating	RoHS Code
			Q silver R gold G gold over silver	H = RoHS Compliant

Recommended P.C.B. layout



Off-Mom = (Continuous OFF) - (momentary ON)

SPST

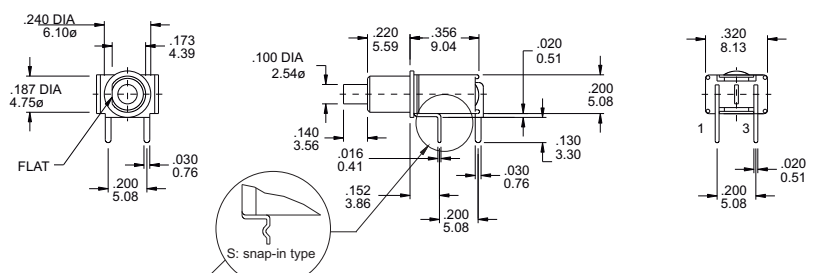


Model No.	Switching position	
TS-21A	Off	Mom
Term. Comm.	open	1-3

SCHEMATIC



SW-TS-21A-UQ / SW-TS-21A-UQ-S



Contact material option

Code	Contact material	Terminal material	Rating
Q	Silver plated	Silver plated	1 A @ 120V AC or 28 V DC;
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 1 A @ 120V AC or 28 V DC;

