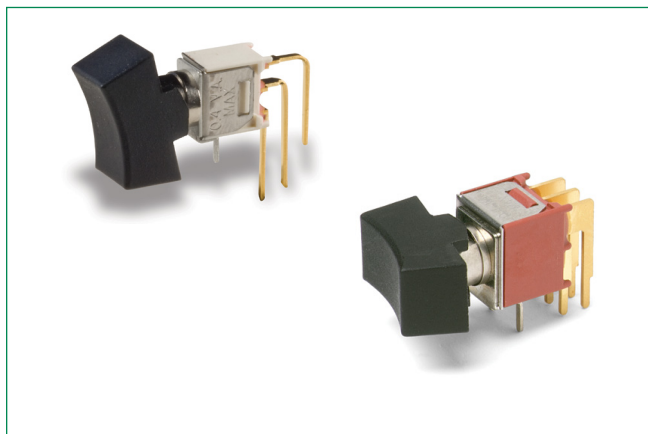


T Series

Subminiature Rocker Switches



Agency Approvals

Agency	Agency File Number
	E42363

Specifications

Contact Rating	Q contact material (TX01 models): 3 amps @120 V AC or 28 V DC.
Electrical Life	TX01 models: 60,000 make-and-break cycles at full load.
Contact Resistance	Below 20 m Ω typ. initial @ 2-4 V DC, 100 mA, for both silver and gold plated contacts.
Insulation Resistance	10 ⁹ Ω min.
Dielectric Strength	1000 Vrms min. @ sea level.
Operating Temperature	-30°C to 85°C
Solderability	Per MIL-STD-202F method 208D, or EIA RS-186E method 9 (1 hour steam aging).

Notes:

Any models supplied with B and Q contact material are RoHS compliant. Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

Description

The T series subminiature rocker switches feature a compact size, giving telecommunications, instrumentation and medical equipment engineers a small footprint to work with. The T series also are available in single and double pole models and with both PC and panel mounting options available to ensure a perfect fit for any design.

Features & Benefits

- Compact size—small footprint
- Single and double pole models
- PC and panel mounting options available
- RoHS compliant

Applications

- Telecommunications
- Instrumentation
- Computers & peripherals

Materials

Case & Bushing	Glass filled nylon 6/6, flame retardant, heat stabilized ordiallyl phthalate (DAP), (UL 94V-0) or glass filled nylon 4/6, flame retardant, heat stabilized.
Actuator	Nylon, black standard.
Bushing	Brass, nickel plated.
Housing	Stainless steel.
Switch Support	Brass, matte-tin plated.
Mounting Bracket	Stainless steel.
End Contacts	B contact material: Copper alloy, with gold plate over nickel plate. Q contact material: Coin silver, silver plated.
Center Contacts & Terminals	
Terminal Seal	Epoxy.
Hardware	Nut, Screws & Lockwasher: Stainless steel.
Standoff	Nylon standard

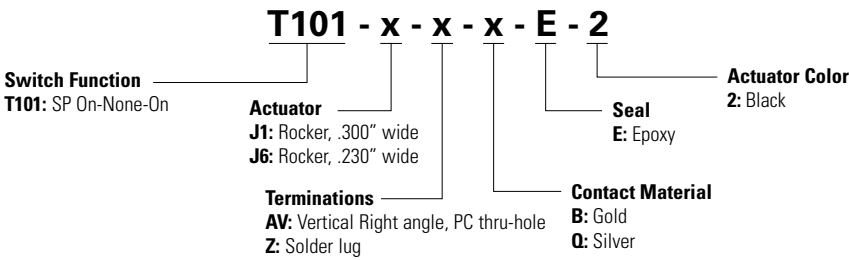
T Series

Subminiature Rocker Switches



Ordering Number

To order, simply select desired option from each category and place in the appropriate box. For additional options not shown in catalog, consult Customer Service Center. All models have epoxy terminal seal and are compatible with all “bottom-wash” PCB cleaning methods.

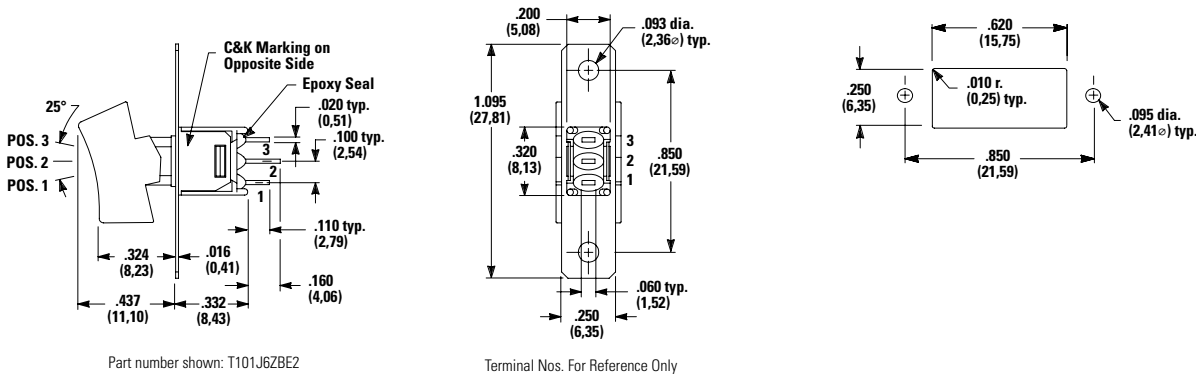


Switch Function

SPDT

No. Poles	Model No.	Switch Function			Connected Terminals			Schematic
		C&K marking on opposite side						
		POS. 1 	POS. 2 	POS. 3 	POS. 1 	POS. 2 	POS. 3 	
SP	T101	ON	NONE	ON	2-3	N/A	2-1	SPDT 

Panel Mounting



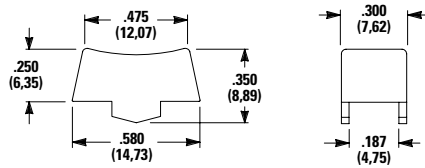
T Series

Subminiature Rocker Switches

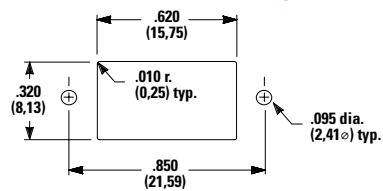


Actuator

J1 Rocker, 0.300 Wide



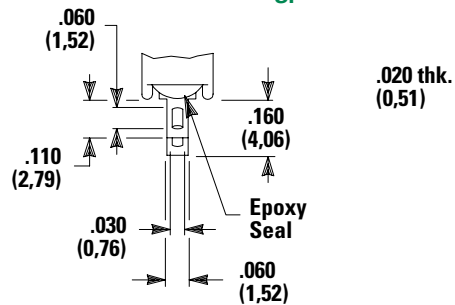
Panel Mounting



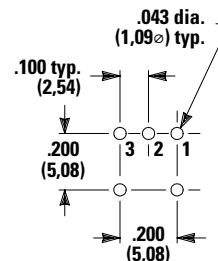
Option Code	Actuator Color
2	Black

Finish: Matte. Other colors, custom actuator markings and legends available, consult Customer Service Center.

Terminations
Z Solder Lug
SP

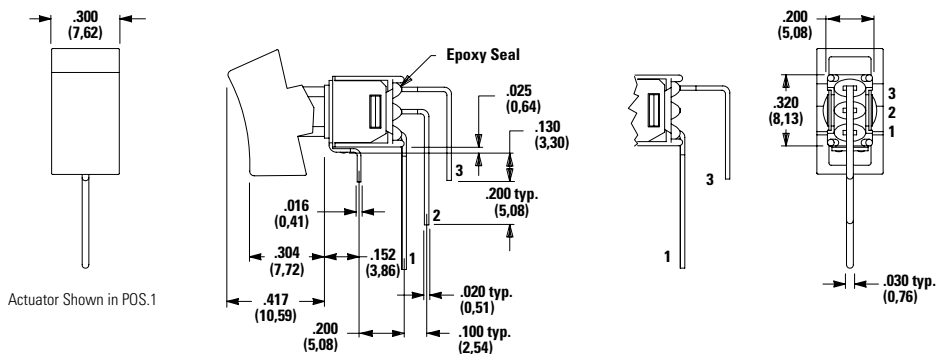


PC Mounting



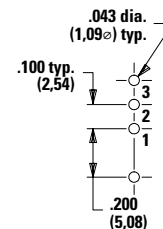
AV Vertical Right Angle, PC Thru-hole

T101J1AVBE2 Vertical Actuation SPDT



Notes: Terminal bend radii and lead-in manufacturing option.

PC Mounting



T Series

Subminiature Rocker Switches



Contact Material

Option Code	Contact Material	Terminal Plating	Ratings	
B	Gold ³	Gold ¹	Low Level/Dry Circuit	0.4 VA max. @ 20 V AC or DC max.
Q	Silver ^{4,5}	Silver ⁵	Power	TX01 models: 3 amps @ 120 V AC or 28 V DC. All other models: 2 amps @ 120 V AC or 28 V DC.

Notes: See Technical Data section of this catalog for RoHS compliant and compatible definitions and specifications.

1. Contacts & Terminals: Copper alloy, with gold plate over nickel plate.

2. End Contacts: Coin silver, with gold plate over nickel plate.

3. Center Contact & All Terminals: Copper alloy, with gold plate over nickel plate.

4. End Contacts: Coin silver, silver plated.

5. Center Contact & All Terminals: Copper alloy, silver plated.

6. Terminals: Copper alloy, with matte-tin over nickel plate.

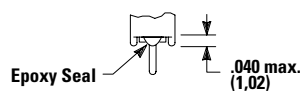
Any models supplied with B and Q contact material are RoHS compliant.

All models **C** **R** **U** **S** with all options when ordered with Q contact material.

B contact material standard with AV terminations.

Q contact material standard with Z terminations.

Seal E Epoxy Seal

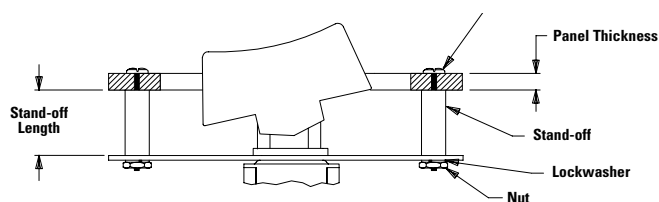


Available Hardware

Panel mounting hardware for rocker and lever handle switches is available separately. Mounting hardware consists of two screws, two nuts, two standoffs and two lockwashers per switch, and is available for panel thicknesses of 1/16, 3/32 and 1/8 inch. See part numbers below.

Part No.	Panel Thk.	Standoff Length
761101000	1/16 IN. (1.59)	0.295 (7.49)
761102000	3/32 IN. (2.38)	0.264 (6.71)
761103000	1/8 IN. (3.18)	0.233 (5.92)

Typical Assembly



Notes: Additional nuts, screws and lockwashers available separately, see Technical Data section of this catalog.

J1 Actuator



Part No.
468002263 Black
Material: Nylon
Finish: Matte

J6 Actuator



Part No.
468102263 Black
Material: Nylon
Finish: Matte

Notes: Other colors, custom actuator markings and legends available, consult Customer Service Center.

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