Features/Benefits

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

Typical Applications

- Hand-held telecommunications
- Instrumentation
- Medical equipment
- tions

Specifications

CONTACT RATING: B contact material: 0.4 VA max. @ 20 V AC or DC max. Q contact material (TX01 models): 3 AMPS @ 120 V AC or 28 V DC. All other models: 2 AMPS @

120 V AC or 28 V DC. See page G-42 for additional ratings. ELECTRICAL LIFE: TX01 models: 60,000 make-and-break

cycles at full load. All other models: 30,000 cycles. CONTACT RESISTANCE: Below 20 m Ω typ. initial @

2-4 V DC, 100 mA, for both silver and gold plated contacts. INSULATION RESISTANCE: $10^9 \Omega$ min.

INSULATION RESISTANCE. 10° S2 IIIII.

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).

NOTE: Any models supplied with P, R, Q, B or G contact material are RoHS compliant and compatible. For the latest information regarding RoHS compliance, please go to: www.ittcannon.com/rohs.

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

Materials

CASE: Glass filled nylon 6/6, flame retardant, heat stabilized or diallyl phthalate (DAP), (UL 94V-0).

ACTUATOR: Brass, chrome plated.

BUSHING: Brass, nickel plated.

HOUSING: Stainless steel.

SWITCH SUPPORT: Brass, matte-tin plated.

END CONTACTS: B contact material: Copper alloy, with gold plate over nickel plate. Q contact material: Coin silver, silver plated. See above for additional contact materials.

CENTER CONTACTS & TERMINALS: B contact material: Copper alloy, with gold plate over nickel plate. Q contact material: Copper alloy, silver plated. See page G-42 for additional contact materials.

TERMINAL SEAL: Epoxy.

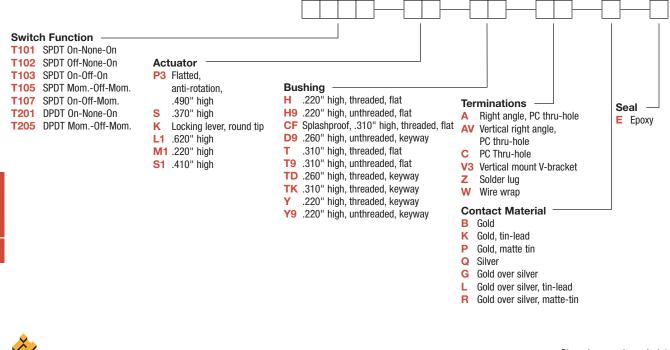
HARDWARE: Nut & Locking Ring: Brass, nickel plated. Lockwasher: Steel, nickel plated. Additional hardware available separately, see Section O.

Build-A-Switch

ITT

loggle

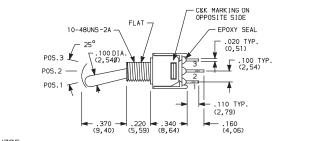
To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages G-37 thru G-42. For additional options not shown in catalog, consult Customer Service Center. All models have epoxy terminal seal and are compatible with all "bottom-wash" PCB cleaning methods.



Dimensions are shown: Inch (mm) Specifications and dimensions subject to change

SWITCH FUNCTION

SWITCH FUNCTION CONNECTED TERMINALS POS. 3 POS. 1 POS. 2 POS. 3 POS. 1 POS. 2 L 1 Ĵ. NO. POLES MODEL C&K marking on opposite side NO. C&K marking on opposite side SCHEMATIC T101 ON NONE 2-1 ON 2-3 N/A 2 (COMM) T103 OFF ON ON 1. •3 T105 MOM. OFF MOM. OPEN 2-3 2-1 SP SPDT T107 OFF MOM. ON T102 OFF NONE ON OPEN N/A 3-1 1 • • 3 SPST

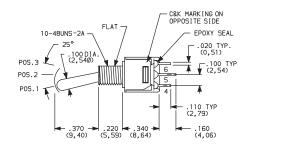


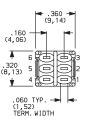
Part number shown: T101SHZQE

DP	T201	ON	NONE	ON	2-3,5-6	N/A	2-1,5-4	€2 (COMM) 5 €
	T205	MOM.	OFF	MOM.	2-3,5-6	OPEN	2-1,5-4	
								DPDT

DPDT

SPDT





Terminal Nos. For Reference Only

.320

¥

.060 TYP. → (1,52) TERM. WIDTH

Part number shown: T201SHZQE

MOM. = Momentary

All models R with all options when ordered with G, L, R or Q contact material.



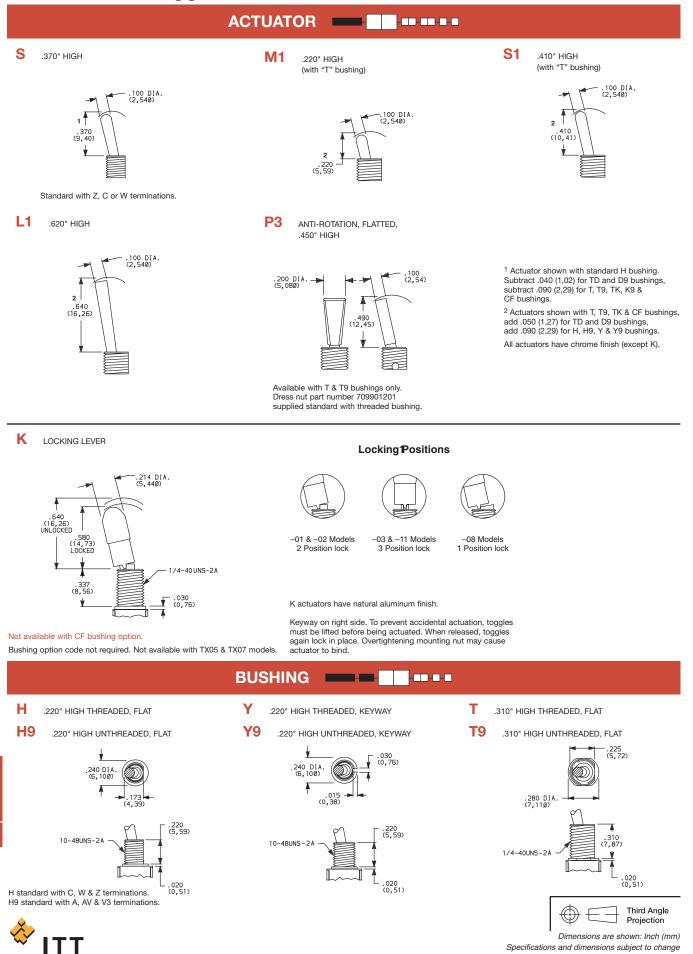


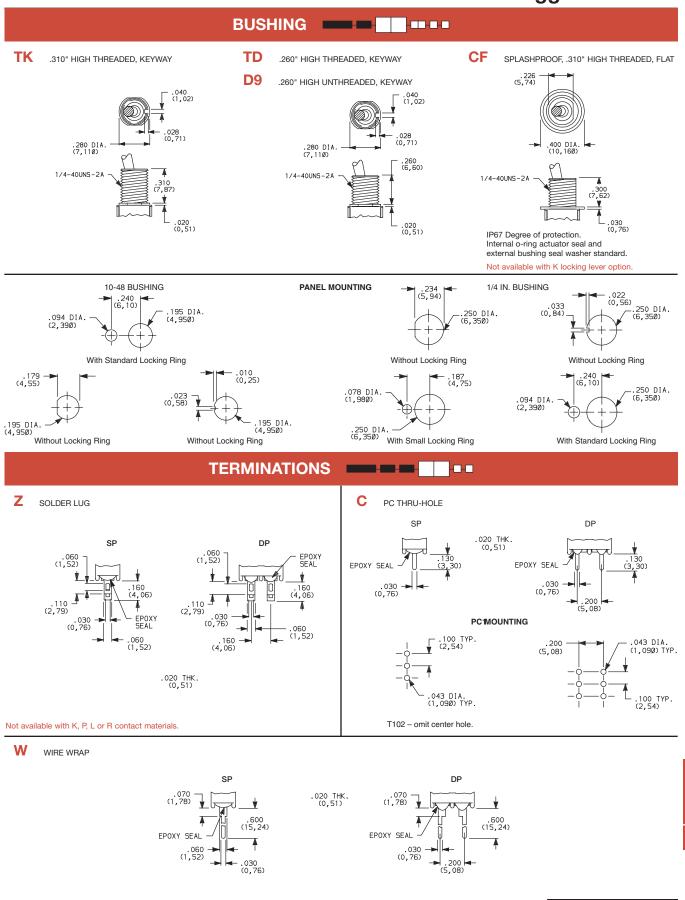
Dimensions are shown: Inch (mm) Specifications and dimensions subject to change

ITT

G

Toggle







Dimensions are shown: Inch (mm) Specifications and dimensions subject to change

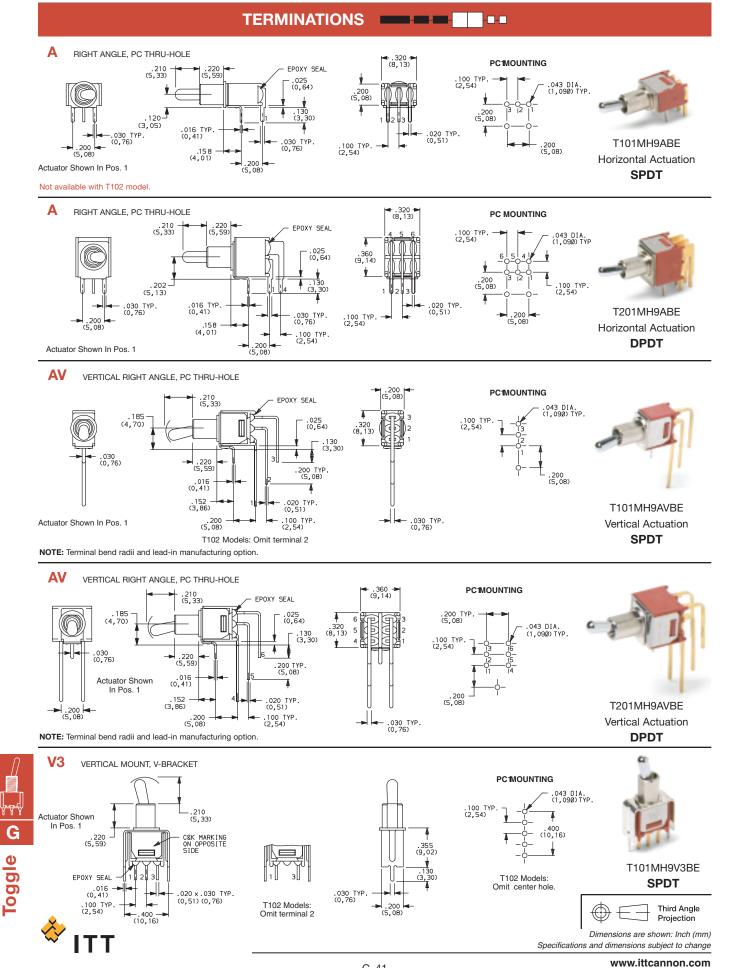
U

Third Angle

Projection

G

Toggle

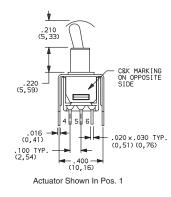


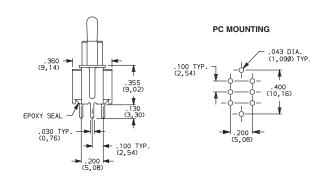
TERMINATIONS

V3 VERTICAL MOUNT, V-BRACKET



T201MH9V3BE DPDT





CONTACT MATERIAL

OPTION1 CODE	RoHS1 RoHS1 COMPLIANT COMPATIBLE		CONTACT1 MATERIAL	TERMINAL PLATING	RATINGS	
в	YES	YES		GOLD ¹	LOW LEVEL/ DRY CIRCUIT	0.4 VA MAX. @ 20 V AC OR DC MAX.
K	NO	YES	GOLD ¹	TIN-LEAD 6		
Р	YES	YES		MATTE-TIN 7		
Q	YES	YES	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.
G	YES	YES		GOLD ³	LOW LEVEL/DRY CIRCUIT OR POWER	TX01 MODELS: 0.4 VA MAX @ 20 V AC OR DC MAX. OR 3 AMPS @ 120 V AC OR 28 V DC. ALL OTHER MODELS: 0.4 VA MAX @ 20 V AC OR DC MAX. OR 2 AMPS @ 120 V AC OR 28 V DC.
L	NO	YES	GOLD OVER SILVER ^{2,3}	TIN-LEAD 6		
R	YES	YES	SILVER 2,3	MATTE-TIN 7		

* Note: 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 CONTACTS & 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 tin-lead alloy over nickel plate.

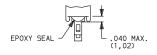
⁷ TERMINALS: Copper alloy, with matte-tin over nickel plate.

NOTE: Any models supplied with P, R, Q, B or G contact material are RoHS compliant. For the latest information regarding RoHS compliance, please go to: www.ittcannon.com/rohs.

All models and with all options when ordered with R, G, L or Q contact material. B contact material standard with A, AV, V3 & W terminations. Q contact material standard with C & Z terminations.



E EPOXY SEAL







Dimensions are shown: Inch (mm) Specifications and dimensions subject to change

