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



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.

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.

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.

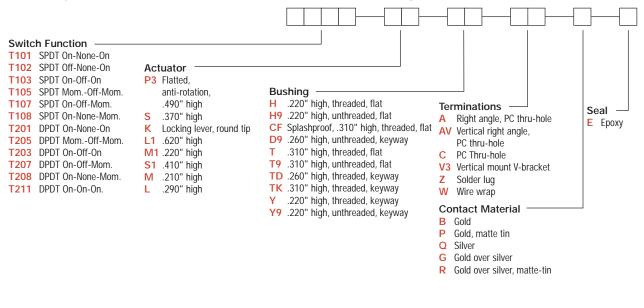
- SWITCH SUPPORT: Brass, matte-tin plated.
- END CONTACTS: B contact material: Copper alloy, with gold plate over nickel plate. Q contact material: Coin silver, silver plated. See above for additional contact materials.
- CENTER CONTACTS & TERMINALS: B contact material: Copper alloy, with gold plate 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

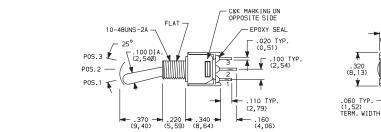
To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages G-38 thru G-42. For additional options not shown in catalog, consult Customer Service Center. All models have epoxy terminal seal and are compatible with all "bottom-wash" PCB cleaning methods.





SWITCH FUNCTION -----

		SW	SWITCH FUNCTION CONNECTED TERMINALS						
		POS. 1	POS. 2	POS. 3	POS. 1	POS. 2	POS. 3		
	MODEL	1	1	1	<u> </u>	⊥	1		
NO. POLES	MODEL NO.	C&K marking on opposite side			C&K marking on opposite side				SCHEMATIC
	T101	ON	NONE	ON	2-3	N/A	2-1		
	T103	ON	OFF	ON					Q2 (COMM)
SP	T105	МОМ.	OFF	MOM.	2-3	OPEN	2-1		
0	T107	ON	OFF	MOM.					
	T108	ON	NONE	MOM.	2-3	NA	2-1	SPDT	
	T102	OFF	NONE	ON	OPEN	N/A	3-1	SPST	1 • • 3



Part number shown: T101SHZQE

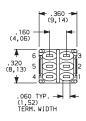
SPDT

		sw	SWITCH FUNCTION			NECTED TERMIN		
		POS. 1	POS. 2	POS. 3	POS. 1	POS. 2	POS. 3	_
		F	1	1	F		1	
NO. POLES	MODEL NO.	C&K marking on opposite side			C&K ma	rking on opposite si	SCHEMATIC	
DP	T201	ON	NONE	ON	2-3,5-6	N/A	2-1,5-4	
	T203	ON	OFF	ON	2-3,5-6	OPEN	2-1,5-4	
	T205	MOM.	OFF	MOM.				$1 \stackrel{2}{\bullet} \frac{(\text{COMM})}{3} \stackrel{5}{\bullet} \stackrel{6}{\bullet} 6$
	T208	ON	NONE	MOM.	2-3,5-6	N/A	2-1,5-4	
	T211*	ON	ON	ON.	2-3,5-6	2-3,5-4	2-1,5-4	DPDT

DPDT



C&K MARKING ON OPPOSITE SIDE FLAT -10-48UNS-2A EPOXY SEAL 25° .020 TYP. (0,51) .100 DIA (2,54Ø) P05.3 본 (2,54) Ā P05.2 P05.1 A .110 TYP (2,79) , 220 . 340 + (5,59) (8,64) .160 (4,06) - .370 -(9,40)



Terminal Nos.

For Reference Only

Part number shown: T201SHZQE

MOM. = Momentary

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

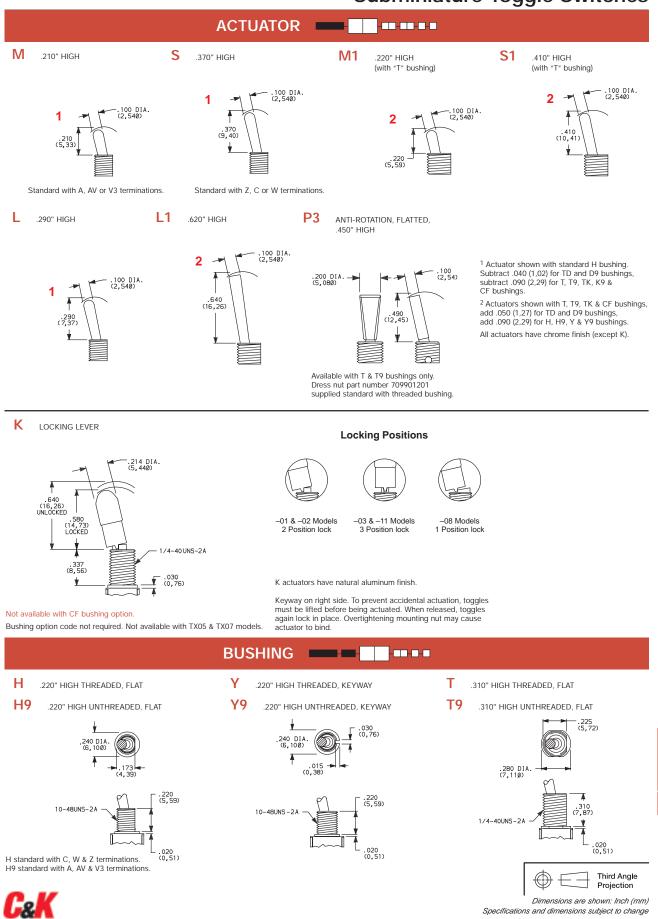


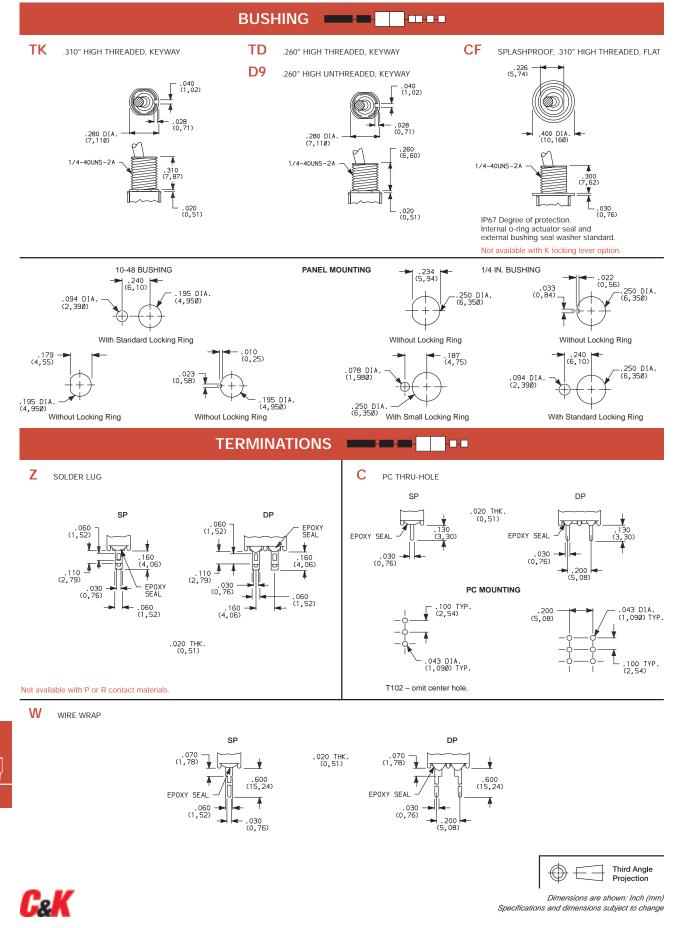


Dimensions are shown: Inch (mm) Specifications and dimensions subject to change

G

Toggle





G

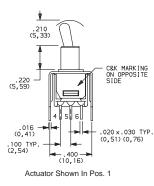
Toggle

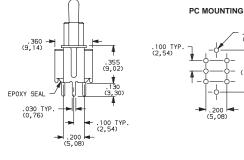
TERMINATIONS

V3 VERTICAL MOUNT, V-BRACKET



T201MH9V3BE DPDT





-0-0

.043 DIA. (1,090) TYP. .400

.200

CONTACT MATERIAL

OPTION CODE	CONTACT MATERIAL	TERMINAL PLATING	RATINGS			
В	GOLD ¹	GOLD ¹	LOW LEVEL/	0.4 VA MAX. @ 20 V AC OR DC MAX.		
Р		MATTE-TIN 6	DRY CIRCUIT			
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.		
G R	GOLD OVER SILVER ^{2,3}	GOLD ³ MATTE-TIN ⁶	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.		

* 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 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 N 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.

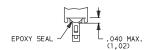
K, L and M options represent Non RoHS tin lead product and are not recommended for new designs. For additional information please contact Customer Service.

SEAL



G

loggle





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

CeK