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 F-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).

 $\ensuremath{\text{NOTE:}}$ 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) or glass filled nylon 4/6, flame retardant, heat stabilized.

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.

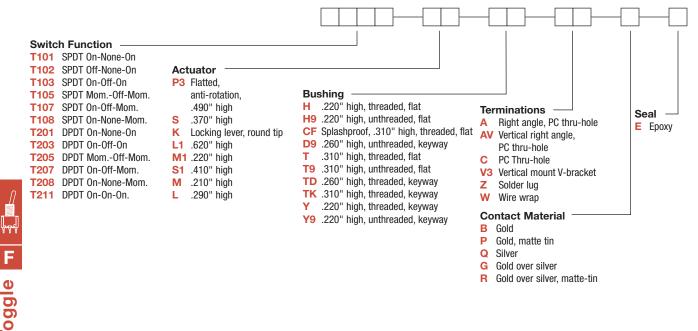
CENTER CONTACTS & TERMINALS: B contact material: Copper alloy, with gold plate over nickel plate. Q contact material: Copper alloy, silver plated. See page F-42 for additional contact materials.

TERMINAL SEAL: Epoxy.

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

Build-A-Switch

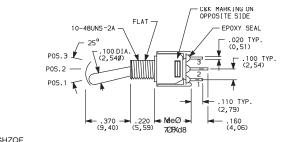
To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages F-33 thru F-37. For additional options not shown in catalog, consult Customer Service Center. All models have epoxy terminal seal and are compatible with all "bottom-wash" PCB cleaning methods.

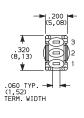


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SWITCH FUNCTION

CONNECTED TERMINALS SWITCH FUNCTION POS. 1 POS. 2 POS. 3 POS. 1 POS. 2 POS. 3 Ţ Ĺ NO. POLES MODEL C&K marking on opposite side C&K marking on opposite side SCHEMATIC NO. T101 ON NONE ON 2-3 2-1 N/A T103 ON OFF ON Q 2 (COMM)
T105 MOM. OFF MOM. OPEN 2-3 2-1 **b**3 SP 1. T107 ON OFF MOM. T108 ON NONE MOM. 2-3 NA 2-1 SPDT T102 SPST OFF NONE OPEN N/A 3-1 1 • • 3 ON



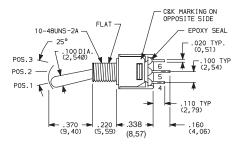


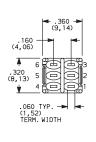
Part number shown: T101SHZQE

SPDT

	SWITCH FUNCTION			CONNECTED TERMINALS				
		POS. 1	POS. 2	POS. 3	POS. 1	POS. 2	POS. 3	
		1	1	1		1	1	
NO. POLES	MODEL NO.	C&K marking on opposite side			C&K marking on opposite side			SCHEMATIC
	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	
DP	T205	MOM.	OFF	MOM.				$1 \bullet \begin{array}{c} 2 \\ \hline 2 \\ \hline 3 \\ \hline 4 \\ \hline 4 \\ \hline 6 \\ \hline 7 \\ \hline 6 \\ \hline 7 \\ \hline 6 \\ \hline 7 \\ 7 \\$
	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





Terminal Nos. For Reference Only

Part number shown: T201SHZQE

MOM. = Momentary

All models ${}_{\scriptscriptstyle \otimes} {\ensuremath{\mathbb N}}$ with all options when ordered with G, L, R or Q contact material.

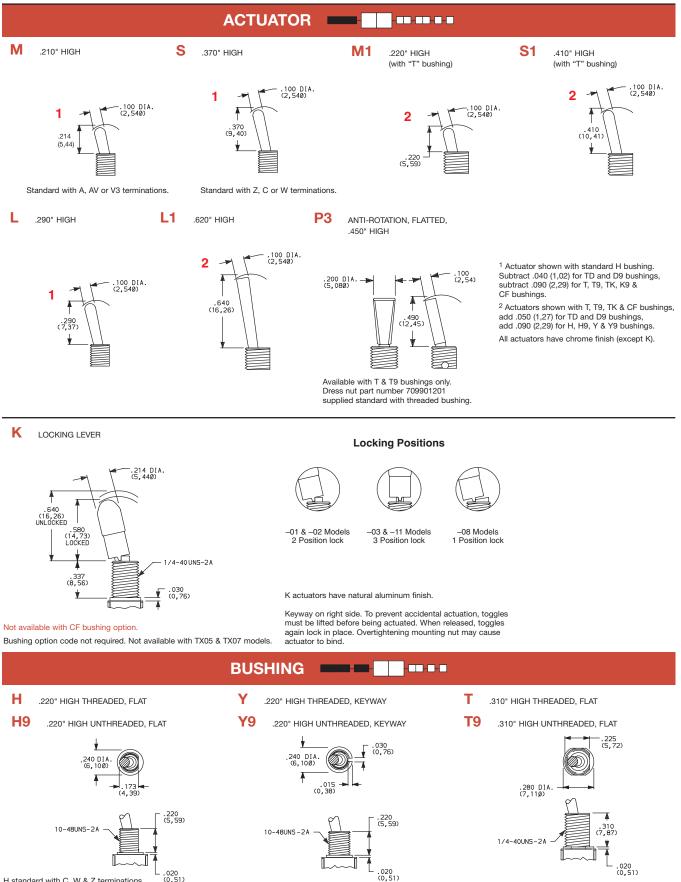
Third Angle Projection F

Toggle



Specifications and dimensions subject to change





H standard with C, W & Z terminations. H9 standard with A, AV & V3 terminations.



F

Toggle

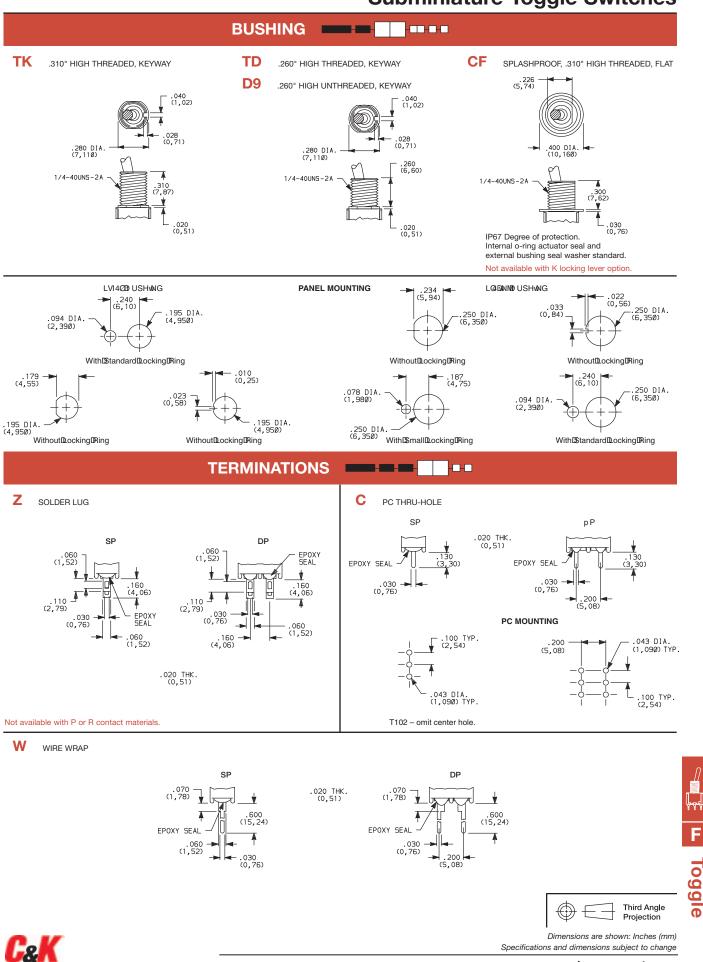
1

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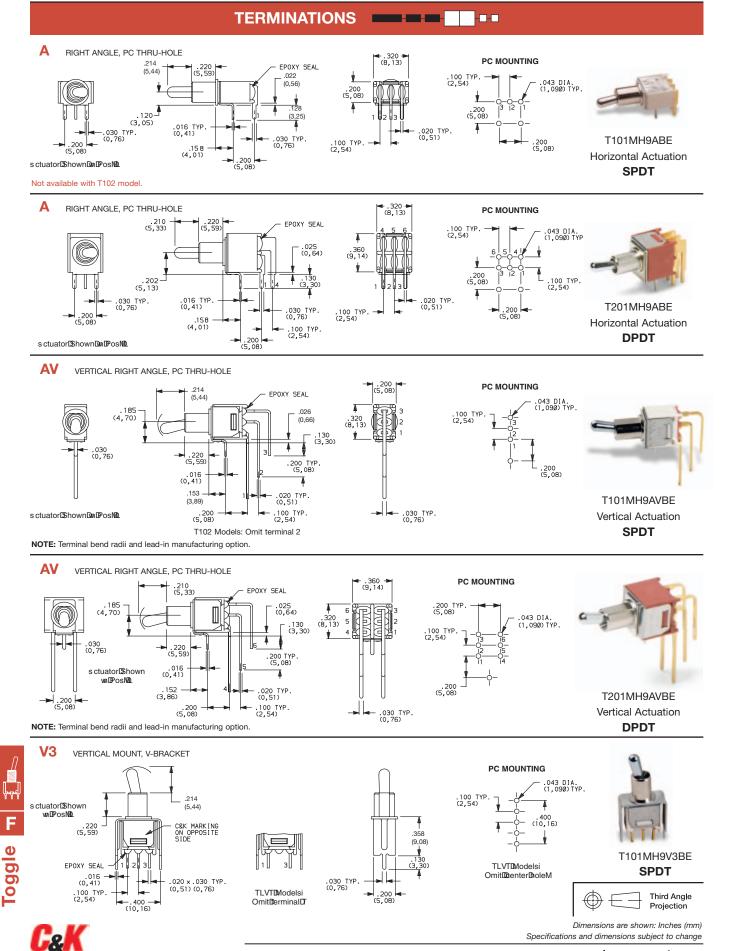
Dimensions are shown: Inches (mm)

Specifications and dimensions subject to change

Third Angle Projection



1



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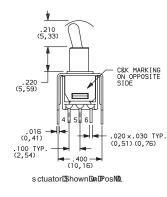
1

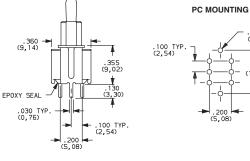
TERMINATIONS

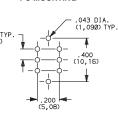
V3 VERTICAL MOUNT, V-BRACKET



T201MH9V3BE DPDT







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.

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

