



T9000SM Series

Sealed SMT Sub-Miniature Toggle Switches



SPECIFICATIONS

CONTACT RATING: R 0.4VA max @20 VAC or DC
ELECTRICAL LIFE: 30,000 make-and-break cycles at full load
CONTACT RESISTANCE: 20 milliohms max. initial @2-4 VDC,100mA
INSULATION RESISTANCE: 1,000 MΩ min.
DIELECTRIC STRENGTH: 1,000 V RMS min.@ sea level.
OPERATING TEMPERATURE: -30° C to 85° C

ESD Resistant Option:

P2 insulating actuator only:9,000 VDC min. @ sea level,actuator to terminals.

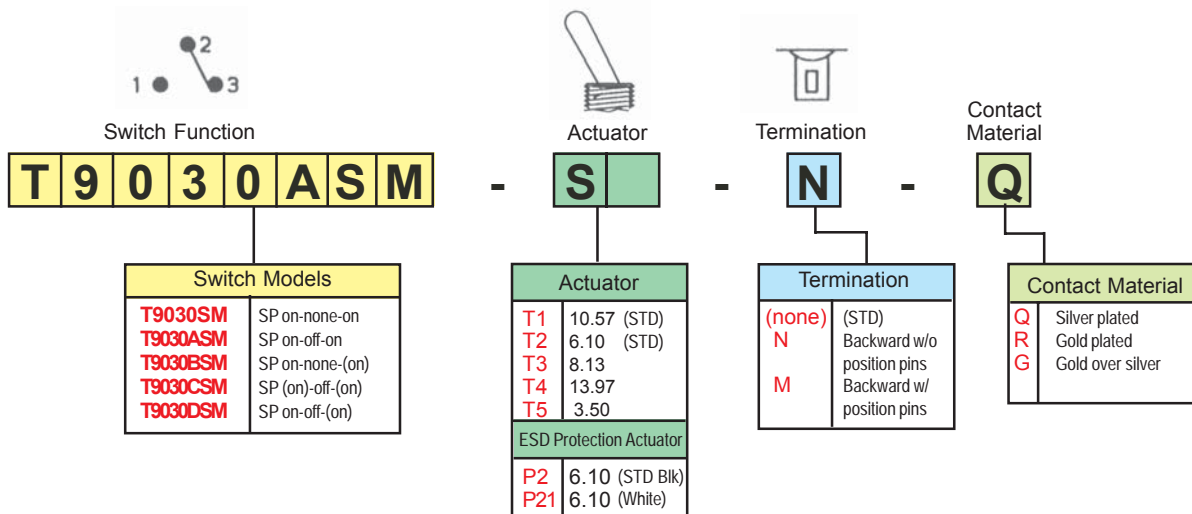
DEGREE OF PROTECTION : IP67
OPERATING TEMPERATURE: -30 C to 85 C

MATERIALS

CASE & BUSHING: Glass filled nylon 4/6,flame retardant heat stabilized (UL94V-0)
ACTUATOR: Brass, chrome plated with internal o-ring seal - standard
P2 ANTI-STATIC ACUATOR: Nylon 6/6,black std(UL 94V-0)
SWITCH SUPPORT: Brass or Steel, Tin plated
CONTACT AND TERMINAL: Silver or gold plated copper alloy
TERMINAL SEAL: Epoxy

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Build the switches you need!!



Switch Function - ■ ■ ■

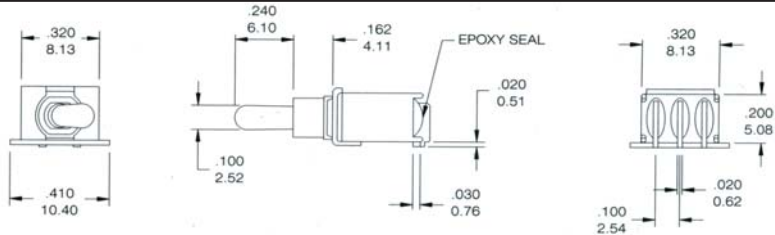
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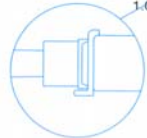
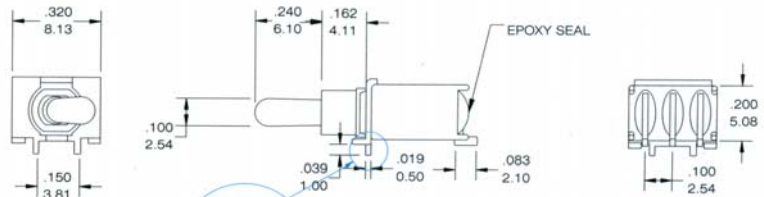
Model No.	Switching Position		
T9030SM	ON	NONE	ON
T9030ASM	ON	OFF	ON
T9030BSM	ON	NONE	(ON)
T9030HSM	(ON)	OFF	(ON)
T9030SMI	ON	OFF	(ON)
Term. Comm.	2-3	OPEN	2-1



The Standard Terminal Type



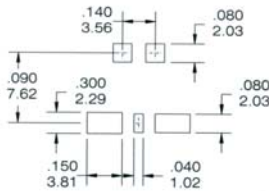
The N / M Terminal Type



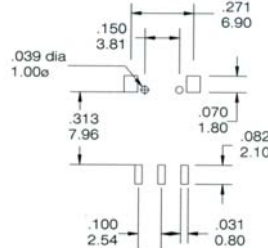
without positioning pins

T9030SM-T1NQ / T9030SM-T1MQ

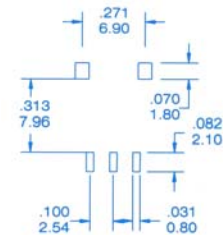
The P.C.B. Mounting



T9030-TX-Q
Standard



T9030-TX-MQ
with Position Pins

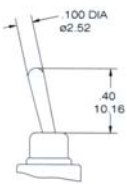


T9030-TX-NQ
without Position Pins

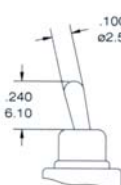
Actuator ■ ■ ■

Actuator Option

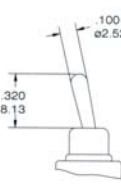
T1 (STD)



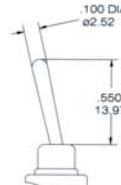
T2 (STD)



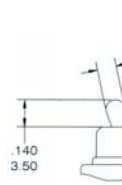
T3



T4



T5



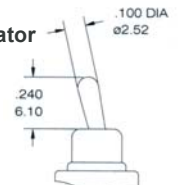
P2

Black Plastic Actuator (STD)

P21

White Plastic Actuator

ESD protection actuator
Material Nylon 4/6 (UL 94V-0), black std. Static resistance :9,000V DC min. @sea level, actuator to terminals



Contact Material ■ ■ ■

Contact Material Options

CODE	CONTACT MATERIAL	TERMINAL MATERIAL		RATING
Q	Silver plated	Silver plated	Power	5 A@120V AC or 28 V DC; 2 A@250 VAC
R	Gold plated over nickel plated	Gold plated over nickel plated	Low Level / Dry Circuit	0.4VA MAX @ 20 V AC or DC MAX
G	Gold plated over silver plated	Gold plated over silver plated	Low Level / Dry Circuit or Power	0.4 VAMAX@20 VAC or DC MAX or 5A@120VAC or 28 V DC; 2A@250 VAC

Option: Other contact / terminal plating is available.