

T6 TOGGLE

MAGNETICALLY HELD SEALED TOGGLE SWITCH

Many configurations for critical “hold” function

The T6 magnetically held toggle is the logical choice for applications requiring magnetic hold capabilities. This functionality is especially suited for applications in military, industrial, and fixed wing and rotary aircraft.

The T6, which meets SAE AS55941, is an environmentally sealed, compact, high-performance switch. It's available in single- and double-pole configurations with a lever lockout option. Choose two or three positions with many configurations of electrically maintained, mechanically maintained or mechanically locked.

FEATURES

- + Meets SAE AS55941
- + Internal solenoid provides “hold” function
- + All stainless steel housing
- + Bat handle, tab handle, oval handle or lever lockout
- + Single-pole, two-position or two-pole with two- or three-position
- + Multiple terminal styles
- + Includes mounting hardware

Standard Characteristics/Rating:

ELECTRICAL RATINGS:

Load	Sea Level @ 28VDC			65,000 ft. @ 28VDC		
GROUP	A	B	C	A	B	C
Resistive*	4	4	7	4	4	5
Inductive*	2.5	3	2	2	2.5	1.5
Motor*	4	4	-	4	4	-
DWV	1050 VRMS			400 VRMS		

Mechanical Life: Up to 40,000 cycles

Seal: Per SAE AS55941

Operating Temp Range: -65°C to +71°C

MATERIALS:

Case: Stainless Steel

Bushing: Stainless Steel

Toggle: Stainless Steel

Mounting Hardware: MS25082-C21 Hexnut (2X)
MS35333-136 Lockwasher
MS25081C4 Keyway Washer

*These values correspond to the two-position configurations and are subject to variation based on the specific customization options selected.

DATA SHEET



KEYWAY SIDE	CENTER	OPPOSITE KEYWAY
Single Pole 2 Position		
Elec. M	NONE	Mech. M
Mech. Locked	NONE	Mech. M
Mech. M	NONE	Elec. M
Mech. M	NONE	Mech. Locked
Two Pole 2 Position		
Elec. M	NONE	Mech. Locked
Elec. M	NONE	Mech. M
Mech. Locked	NONE	Elec. M
Mech. M	NONE	Elec. M
Two Pole 3 Position		
Elec. M	Mech. Locked	Mech. M
Elec. M	Mech. M	Elec. M
Elec. M	Mech. M	Mech. M
Elec. M	Mech. M	Mech. Locked
Mech. Locked	Mech. M	Elec. M
Mech. M	Mech. Locked	Elec. M
Mech. M	Mech. M	Elec. M
Mech. Locked Versions - Pull to Unlock/Push to Unlock		

T6 PART NUMBERS

T6 part numbers do not account for all attributes. The first two characters after the dash represent number of poles and positions:

T6-1A = Single Pole, 2 Position

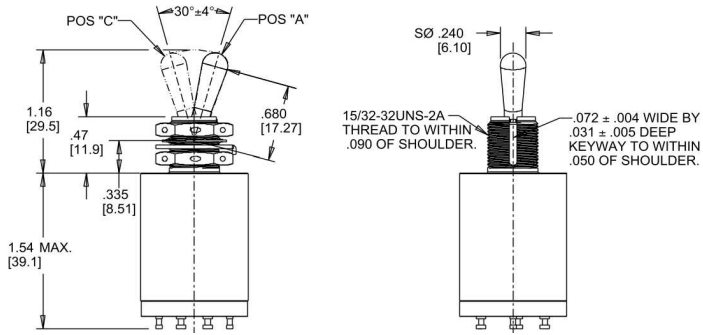
T6-2A = Double Pole, 2 Position

T6-2B = Double Pole, 3 Position

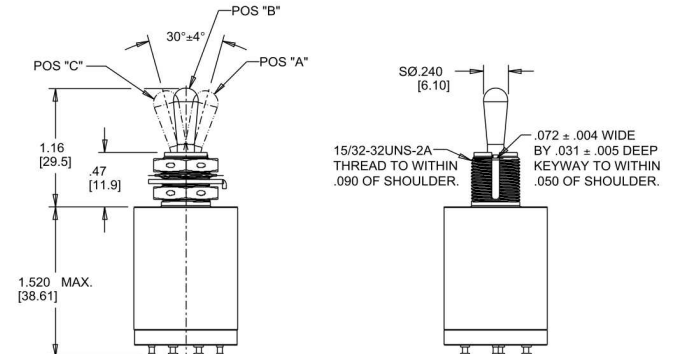


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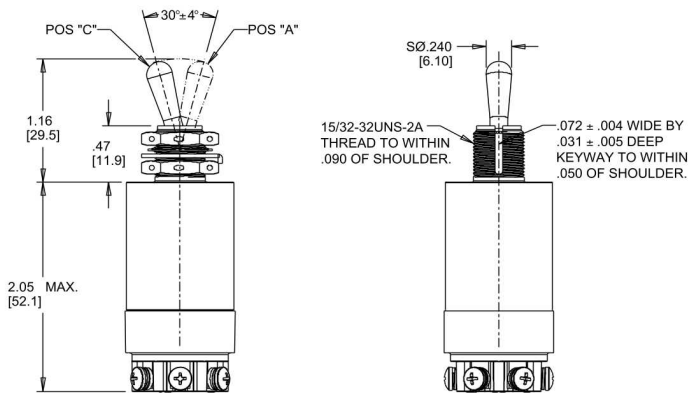
T6 DRAWINGS



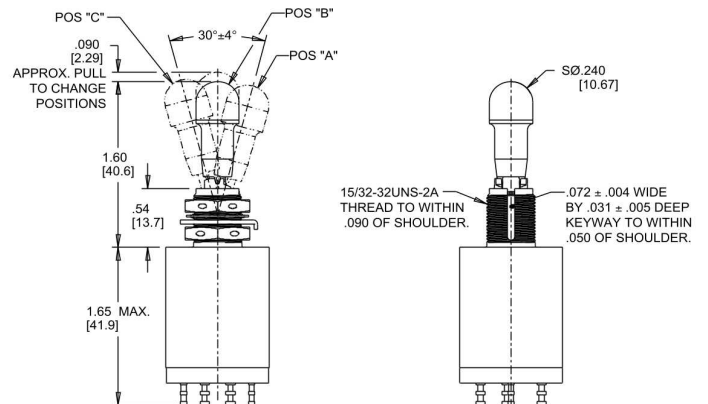
DOUBLE POLE, TWO POSITION BAT HANDLE WITH SOLDER TURRETS



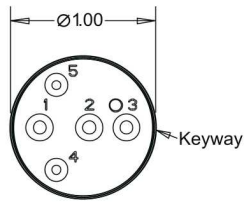
DOUBLE POLE, THREE POSITION BAT HANDLE WITH SOLDER TURRETS



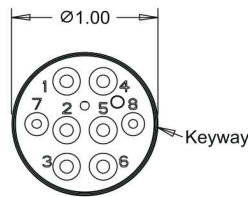
SINGLE POLE, TWO POSITION BAT HANDLE WITH SCREW TURRETS



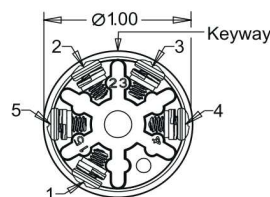
DOUBLE POLE, THREE POSITION LEVER LOCKOUT WITH SOLDER TURRETS



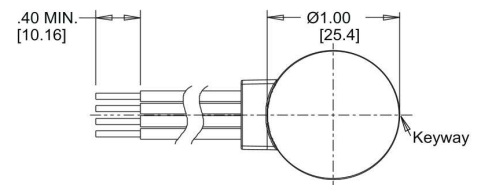
SINGLE POLE, SOLDER TURRETS



DOUBLE POLE, SOLDER TURRETS



SINGLE POLE, SCREW TURRETS



WIRE LEADS

SCHEMATICS

SWITCH ACTION VS. TOGGLE POSITION	
POSITION A	POSITION C
KEYWAY	OPPOSITE KEYWAY
ELECTRICALLY MAINTAINED	MECHANICALLY MAINTAINED

SINGLE POLE, 2 POSITION SCHEMATICS

SWITCH ACTION VS. TOGGLE POSITION	
POSITION A	POSITION C
KEYWAY	OPPOSITE KEYWAY
ELECTRICALLY MAINTAINED	MECHANICALLY MAINTAINED

DOUBLE POLE, 2 POSITION SCHEMATICS

SWITCH ACTION VS. TOGGLE POSITION		
POSITION A	POSITION B	POSITION C
KEYWAY	CENTER	OPPOSITE KEYWAY
ELECTRICALLY MAINTAINED	MECHANICALLY MAINTAINED	ELECTRICALLY MAINTAINED

DOUBLE POLE, 3 POSITION SCHEMATICS