

TS30-P Micro-miniature Pushbutton Switches

SPECIFICATIONS

CONTACT RATING:Q: 500mA @120 VAC or 28 VDC
 ELECTRICAL LIFE:30,000 make-and-break cycles at full load
 CONTACT RESISTANCE: 20 mΩ max. initial @2-4 VDC,100 mA
 INSULATION RESISTANCE: 1,000 MΩ min.
 DIELECTRIC STRENGTH: 500 V RMS @ sea level.
 OPERATING TEMPERATURE: -30°C to 85°C

MATERIALS

Base - diallyl phthalate (DAP) (UL94V-0)
 Plunger -Glass filled Nylon(UL94V-0)
 Bushing -Copper alloy, nickel plated
 CONTACT AND TERMINAL - Copper alloy , silver plated

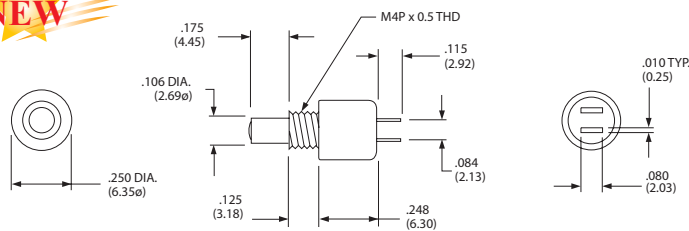
How do you build the switches you need!!

T S - 3 1 - Z - R - E - 2 -

Switch Type	Terminal	Contact material	Epoxy seal	Plunger color	RoHS code
TS-31 TS-32	SPST short SPST long	Z C	(none) E	1 White 2 Black	☐ = none H = RoHS Compliant
		Q silver plated R gold plated G Gold over silver			

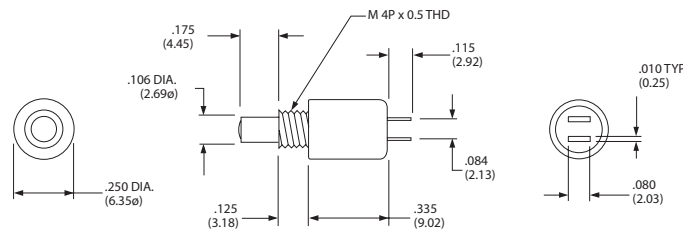


NEW



TS-31-ZR-E-2

MODEL NO.	SWITCH FUNCTION	
	POS. 1	POS. 2
TS-31	OFF	MOM.
Schematic:		
N.O.		
Total Travel: .040 (1.02) typ.		
Actuation Force: 5 OZ. (140g) typ.		
MOM = Momentary		

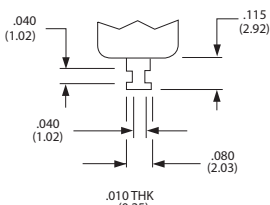


TS-32-ZR-E-2

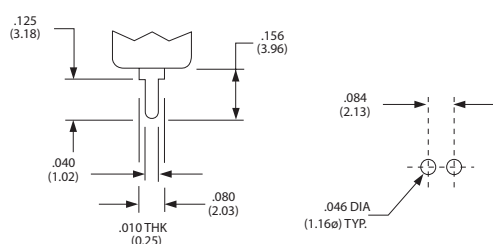
MODEL NO.	SWITCH FUNCTION	
	POS. 1	POS. 2
TS-32	OFF	MOM.
Schematic:		
N.O. w/Overtravel		
Total Travel: .106 (2.69) typ.		
Overtravel: .024 (0.61) typ.		
Actuation Force: 6.25 OZ. (177g) typ.		
MOM = Momentary		

TERMINAL OPTION

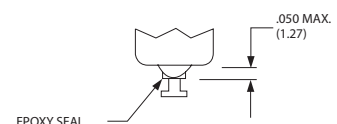
TERMINAL SEAL OPTION



Z



C



E

CONTACT MATERIAL OPTIONS

CODE	CONTACT MATERIAL	TERMINAL MATERIAL	RATING
Q	Silver plated	Silver plated	500mA @ 120 V AC or 28 V DC
R	Gold plated over nickel plated	Gold plated over nickel plated	0.4VA MAX @ 20V AC or DC MAX
G	Gold plated over silver plated	Gold plated over silver plated	0.4 VA MAX @ 20 V AC or DC MAX or 500mA @ 120 V AC or 28 V DC