



NEW

SPECIFICATIONS

CONTACT RATING:Q: 500mA @120 VAC or 28 VDC
 ELECTRICAL LIFE:30,000 make-and-break cycles at full load
 CONTACT RESISTANCE: 20 m Ω max. initial @2-4 VDC,100 mA
 INSULATION RESISTANCE: 1,000 M Ω min.
 DIELECTRIC STRENGTH: 500 V RMS @ sea level.
 OPERATING TEMPERATURE: -30 $^{\circ}$ C to 85 $^{\circ}$ C

MATERIALS

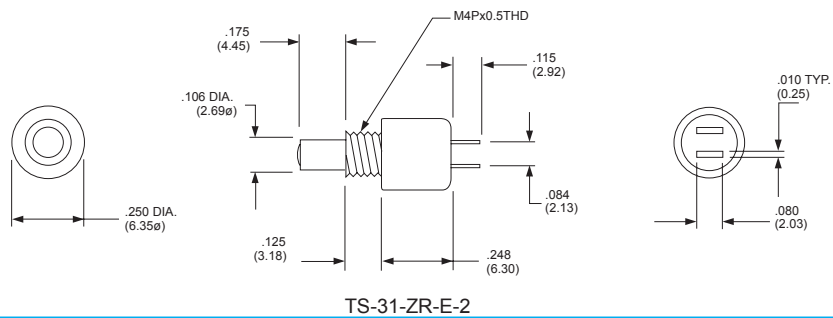
Base - diallyl phthalate (DAP) (UL94V-0)
 Plunger -Glass filled Nylon(UL94V-0)
 Bushing -Brass, nickel plated
 CONTACT AND TERMINAL - Copper alloy , silver plated

How do you build the switches you need!!

(A) **T S - 3 1 - Z - R - E - 2**

Switch Type	Terminal	Contact material	Terminal seal	Plunger color
TS-31 SPST short	Z	Q silver plated	(none) none seal	1 White
TS-32 SPST long	C	R gold plated	E terminal seal	2 Black
		G Gold over silver		3 White

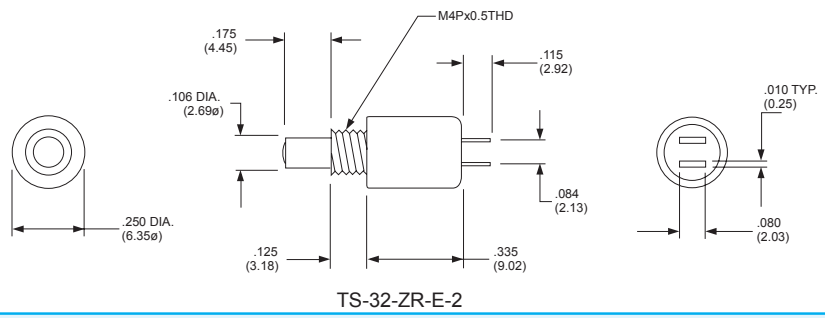
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MODEL NO.	SWITCH FUNCTION	
	POS. 1	POS. 2
TS-31	OFF	MOM.

Schematic:

N.O.
 Total Travel: .040 (1.02) typ.
 Actuation Force: 5 OZ. (140g) typ.
 MOM = Momentary



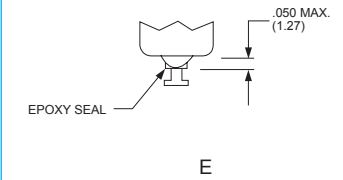
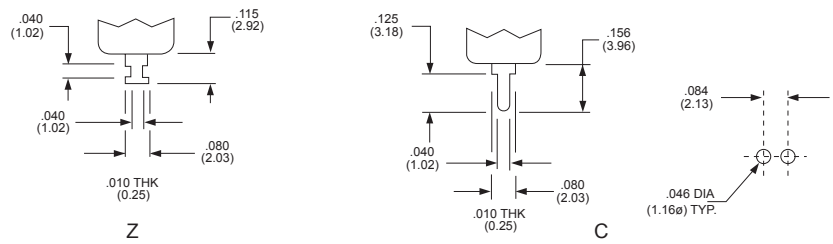
MODEL NO.	SWITCH FUNCTION	
	POS. 1	POS. 2
TS-32	OFF	MOM.

Schematic:

N.O. w/Overtravel
 Total Travel: .106 (2.69) typ. \square
 Overtravel: .024 (0.61) typ.
 Actuation Force: 6.25 OZ. (177g) typ.
 MOM = Momentary

TERMINAL OPTION

TERMINAL SEAL OPTION



CONTACT MATERIAL OPTIONS

CODE	CONTACT MATERIAL	TERMINAL MATERIAL	RATING
Q	Silver plated	Silver plated	500mA @ 120 V AC or 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