FSMCT Series 5.2 x 5.2, Ultra Low Profile, SMT

Features

- **Ultra low profile design**
- **Metal actuator**



Typical performance characteristics

Contact configuration	SPST
Contact rating max.	50 mA @ 24 VDC
Contact rating min.	10 µA @ 1 VDC
Electrical life	500,000 to 1,000,000 cycles
Mechanical life	500,000 to 1,000,000 cycles
Contact resistance	max 100 mOhm
Insulation resistance	min 100 MOhm
Dielectric strength	500 VAC for 1 min
Actuation force	1.6 to 2.6 N (160 to 260 gf)
Actuator travel	0.25 mm +0.10/-0.20 (.010 +.004/-.008)

Environmental specification

Operating temperature	-35 to +105°C
Storage temperature	-35 to +105°C
Solder heat resistance	260°C/10s reflow

Material specifications

Contacts	stainless steel silver finish
Actuator	copper alloy
Terminals	copper alloy silver finish
Base	nylon 46
Cover	stainless steel
RoHS Directive 2002/95/EC	compliant

Product key

Typical product key: **FSM CT TR**

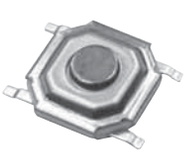
Type
- **FSM** Tactile switch 5.2 x 5.2 mm

Version
- **CT** ultra low profile version

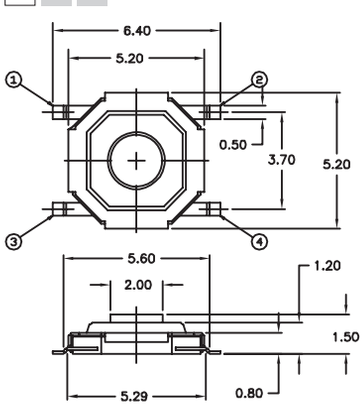
Actuation force
- **blank** 1.6±0.5 N (160±50 gf), 1.000.000 cycles
- **A** 2.6±0.5 N (260±50 gf), 500.000 cycles

Packaging
- **TR** tape & reel

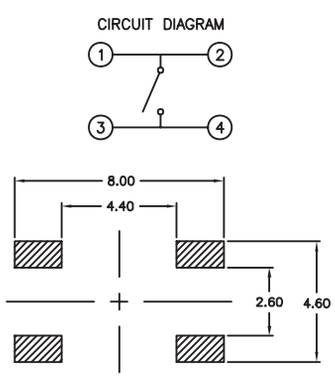
Ultra low profile version



FSMCTTR







Product key	Version	Actuation force	Life	Packaging	Part Number
FSMCTTR	ultra low	1.6±0.5 N (160±50 gf)	1,000,000	tape & reel	**8-1437565-0**
FSMCTATR	profile version	2.6±0.5 N (260±50 gf)	500,000		**8-1437565-1**

Preferred parts in bold print

Catalogue No. 8-1773450-9
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Dimensions are in mm and inches and are shown for reference purposes only.

Specifications subject to change.