

**SPECIFICATIONS****RATING:** DC9V,1A**MECHANICAL LIFE:** S7/D7: 20,000 cycles

SL/DL: 10,000 cycles

37/3L: 30,000 cycles

CONTACT RESISTANCE: 50 mΩ max. / 30mΩ max. (FK37/3L)**INSULATION RESISTANCE:** DC 500V 100MΩ min.**DIELECTRIC STRENGTH:** 1,000 V RMS.@sea level. (initial value)

500V RMS @sea level.(FK37/3L)

OPERATING FORCE: S7: 1.7±0.7Kgf

SL: 1.0±0.7Kgf (LOCK)

D7: 2.5±0.8Kgf

DL: 1.6±0.5Kgf (LOCK)

37/3L: 3.0±0.8Kgf

OPERATING TEMPERATURE: -10°C to 70°C.**MATERIALS****CASE:** Dially phthalate,RED (DAP) (UL94v-0).**CAP:** Brass, nickel plated.**BUSHING:** Brass, nickel plated.**HOUSING:** Stainless Steel.**TERMINAL/CONTACT:** Brass, silver plated.**HOW TO ORDER**

MODEL NO.	ACTUATOR	BUSHING	CASE COLOR	TERMINAL TYPE	TERMINAL PLATING	SEAL	RoHS SOLDERING
 SP FKS7 ON-(ON) FKSL ON-ON	 P10 2.7 high	 B1 12.0 high keyway (thd)	 C2 Black C3 Red **	 M1 Solder Lug M2 PC thru-hole	 Q Silver	 E EPOXY (std)	 S Rohs & Lead Free
 DP FKD7 ON-(ON) FKDL ON-ON							
 3P FK37 ON-(ON) FK3L ON-ON	 P20 5.0 high *	 B2 11.5 high * keyway (thd)					

* P20 actuators are only available with B2 bushing.

** SP and DP types are only available for C3 case.

EXAMPLE:

FKS7P10B1C3M1QES

FK3LP20B2□M1QES

□ Case color

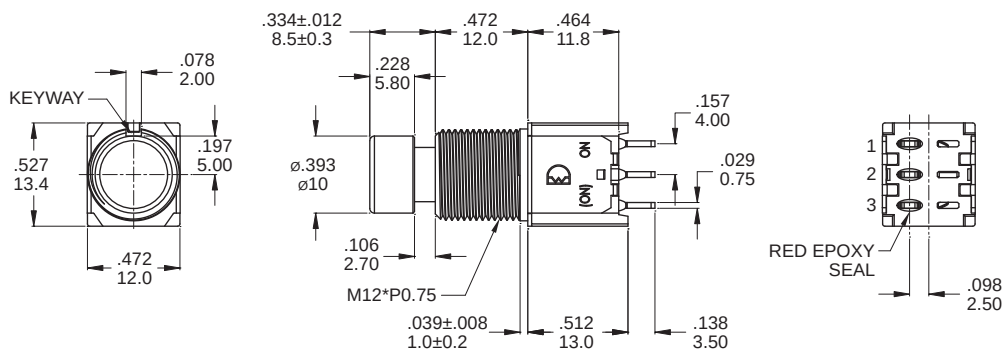


▼ SWITCH FUNCTION

NO. POLES	MODEL NO.	SWITCH FUNCTION		CONNECTED TERMINALS / SCHEMATIC	
		POS.1	POS.2	POS.1	POS.2
SP	FKS7	ON	(ON)	2-1	2-3
	FKSL	ON	ON		
DP	FKD7	ON	(ON)	2-1,5-4	2-3,5-6
	FKDL	ON	ON		
3P	FK37	ON	(ON)	2-1,5-4,8-7	2-3,5-6,8-9
	FK3L	ON	ON		

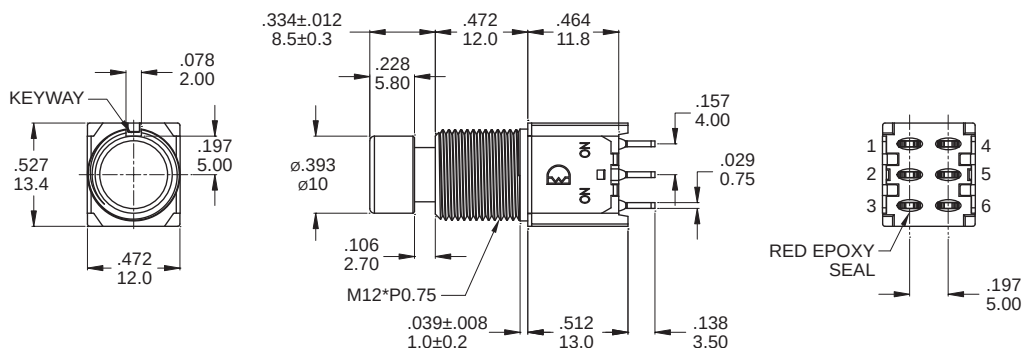
() =MOMENTARY

▼ POLE OPTIONS



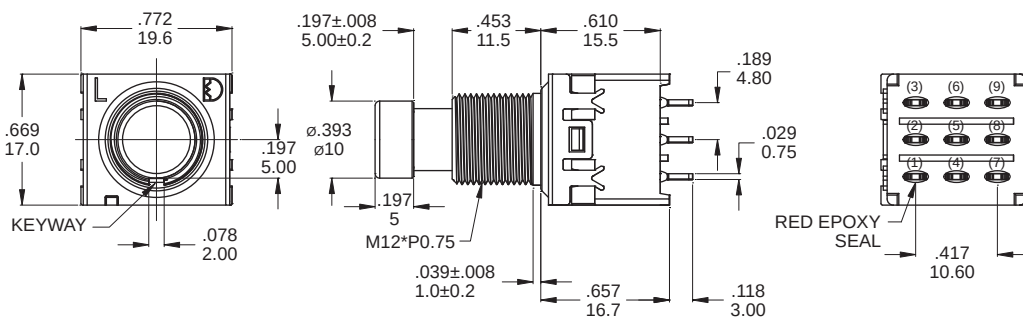
SPDT

Model name. FKS7P10B1C3M1QES



DPDT

Model name. FKDL P10B1C3M2QES

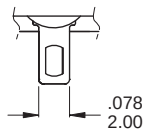


3PDT

Model name. FK3LP20B2C3M2QES

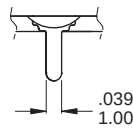
▼ TERMINAL OPTIONS & PCB MOUNTING

M1 Solder lug

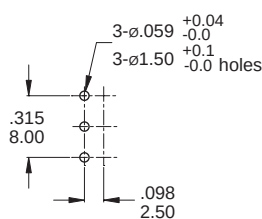


.029inch (0.75mm)THK

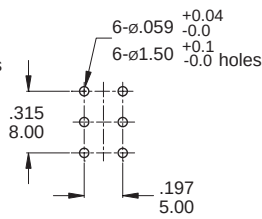
M2 PC Thru-hole



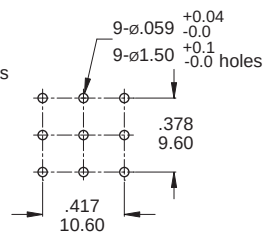
.029inch (0.75mm)THK



SP



DP



3P

▼ HARDWARE

EXAMPLE:

Model name.

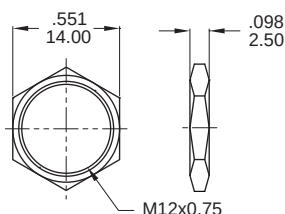
5 Standard hardware

* Standard hardware : 2 nut, 1 locking ring, 1 lockwasher

* For further information please consult sales representativity.

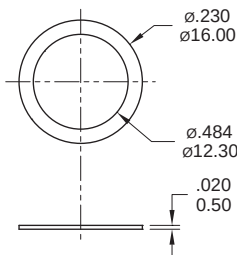
NUT (Std.)

Model name. MNU-PA03



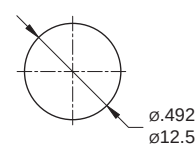
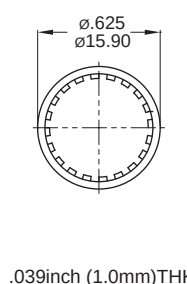
WASHER (Std.)

Model name. NU-7K01



LOCKWASHER (Std.)

Model name. NU-1M09



PANEL MOUNTING

PUSHBUTTON SWITCH

SPECIFICATIONS

LIFE CYCLES: 20,000 cycles.

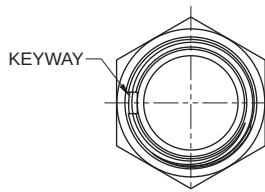
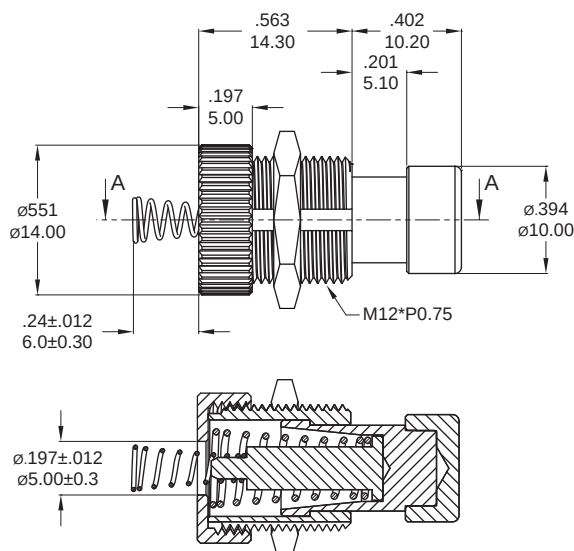
OPERATING FORCE: 650±200gf

* Working force of bushing with nut: Test with torsion meter and increase torsion over 8kgf

* Keep the nut's torsional strength in 8kgf

* 1pcs nut/per pack

▼ DIMENSION



Model name. FK-P1B1-5

HOW TO ORDER

FK -

ACTUATOR

BUSHING

ADDITIONAL
HARDWARE

5 Standard hardware: 1 nut

B1 14.30 high

P1 10.20 high