



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.

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.



HOW TO ORDER

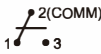
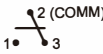
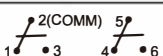
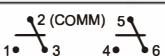
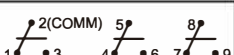
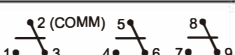
MODEL NO.	ACTUATOR	BUSHING	CASE COLOR	TERMINATIONS	TERMINAL PLATING	SEAL	RoHS SOLDERING	ADDITIONAL HARDWARE
□□□□	□□	□□	□□	□□	□	□	□	— □
Model NO.	Actuator	Bushing	Case color	Terminations	Terminal plating	Seal E EPOXY (std)	RoHS soldering	Additional hardware (See page 135)
FKS7 SP ON-(ON) FKSL SP ON-ON FKD7 DP ON-(ON) FKDL DP ON-ON	P10 2.7 high	B1 12.0 high keyway (thd)	C3 Red	M1 Solder Lug M2 PC thru-hole	Q Silver		S Rohs & Lead Free	

MODEL NO.	ACTUATOR	BUSHING	CASE COLOR	TERMINATIONS	TERMINAL PLATING	SEAL	RoHS SOLDERING	ADDITIONAL HARDWARE
□□□□	□□	□□	□□	□□	□	□	□	— □
Model NO.	Actuator	Bushing	Case color	Terminations	Terminal plating	Seal E EPOXY (std)	RoHS soldering	Additional hardware (See page 135)
FK37 3P ON-(ON) FK3L 3P ON-ON	P20 5.0 high	B2 11.5 high keyway (thd)	C2 Black C3 Red	M1 Solder Lug M2 PC thru-hole	Q Silver		S Rohs & Lead Free	

FK Series

Foot Switches

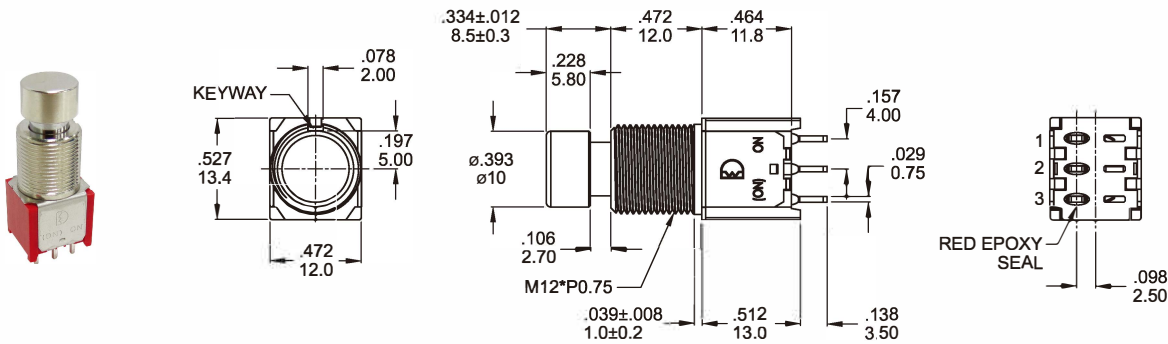
SWITCH FUNCTION

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

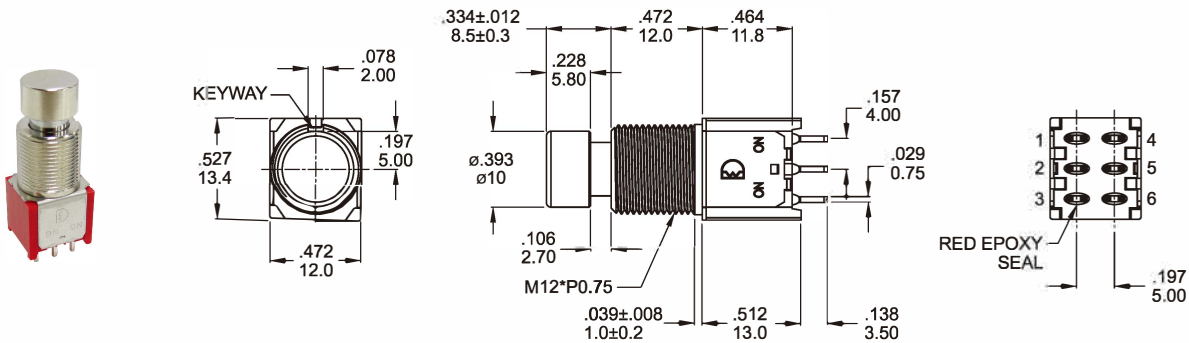
TERMINATION OPTIONS

S7



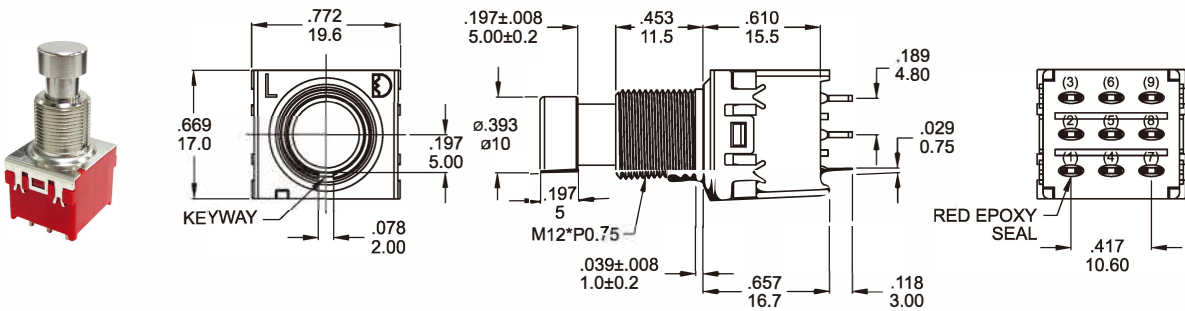
Part No. Shown : FKS7P10B1C3M1QES-5

DL



Part No. Shown : FKDLP10B1C3M2QES-5

3L



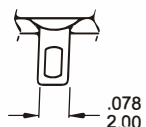
Part No. Shown : FK3LP20B2C3M2QES-5



FK
Pushbutton Switches

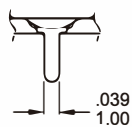
TERMINATION OPTIONS

M1 Solder lug



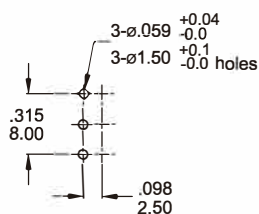
.029(0.75) THK.

M2 PC Thru-hole

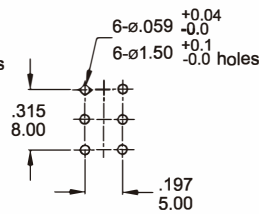


.029(0.75) THK.

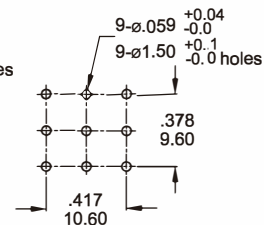
P.C.B MOUNTING



S7/SL



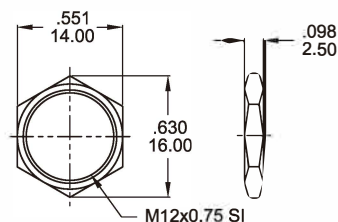
D7/DL



37/3L

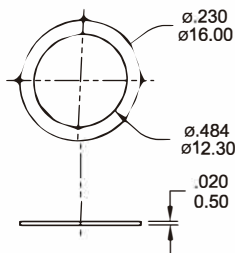
HARDWARE

NUT



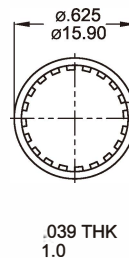
MNU-PA03

WASHE



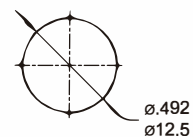
NU-7K01

TOOTH WASHE



NU-1M09

PANEL MOUNTING



PUSHBUTTON SWITCH



SPECIFICATIONS

LIFE CYCLES: 20,000 cycles.

OPERATING FORCE: 650±200gf

* Working force for bushing with nut: Test with torsion meter and increase torsion greater than 8kgf

* Stay-Nut torsion strength 8kgf

* 1 pc. of nut is packed separately.

PART NO.(P/N.)

FK-P1B1-5

Additional hardware
Bushing
Actuator

