

FPMS6K

DC~43.5GHz, SP3T~SP6T

Features:

- * Low VSWR
- * Low Insertion Loss
- * High Isolation

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

Frequency: DC~43.5GHz
Impedance: 50Ω

Frequency range (GHz)	Insertion Loss (dB)	Isolation (dB)	VSWR	Power (W)
DC~6	0.3	70	1.3	40
6~12	0.4	70	1.4	30
12~18	0.5	60	1.5	25
18~26.5	0.7	55	1.7	12
26.5~32	0.8	50	1.8	8
32~40	0.9	50	1.9	5
40~43.5	1.0	50	2.0	4

Voltage (V)	12
Current (mA)	Normally Open 300

Mechanical

Size*1:	106.5*43*43mm 4.193*1.693*1.693in
Switching Sequence:	Break before Make
Switching Time:	15mS max.
Operation Life:	2M Cycles
Vibration (operating):	20-2000Hz, 10G RMS
Mechanical Shock (non-operating):	50G, 1/2sine, 11mS
RF Connectors:	2.92mm Female
Power Supply & Control Interface Connectors:	USB
Mounting:	2-M3mm depth 4mm

[1] Exclude connectors.

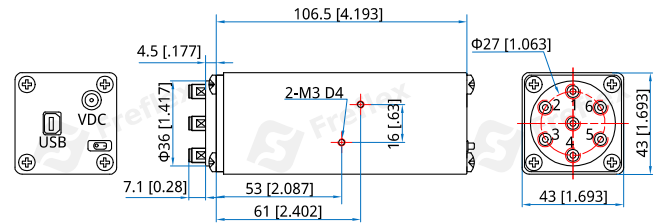
Environmental

Temperature:	-25~+65°C
Extended Temperature:	-45~+85°C
Non-operating Temperature:	-55~+85°C

Port

SP3T	1, 3, 5	SP5T	1~5
SP4T	2~3, 5~6	SP6T	1~6

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

Additional Options

Extended Temperature: Z

How To Order

FPMSVK-F-WXYZ

V: 3~6 (SP3T~SP6T)

F: Frequency in GHz

W: Actuator Type. Normally Open: 3.

X: Voltage. +12V: E.

Y: Power Interface. USB: 2.

Z: Additional Options.

Examples:

To order a SP4T programmable coaxial switch, DC~40GHz, Normally Open, +12V, USB, specify FPMS4K-40-3E2.

Customization is available upon request.