FPMS6S

DC~26.5GHz, SP3T~SP6T

Features:
* Low VSWR
* Low Insertion Loss
* High Isolation

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	DC~26.5GHz
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

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:	SMA Female
Power Supply & Control Interface Connectors:	USB
Mounting:	2-M3mm depth 4mm

[1] Exclude connectors.

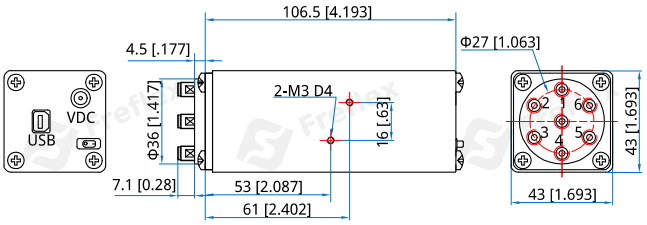
Environmental

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

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

FPMSVS-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~18GHz, Normally Open, +12V, USB, specify FPMS4S-18-3E2.

Customization is available upon request.