

FMS10SH

DC~26.5GHz, SP9T~SP10T

Features:

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

Applications:

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

Electrical

Frequency: DC~26.5GHz
Impedance: 50Ω

Model	Frequency range (GHz)	Insertion Loss (dB)	Isolation (dB)	VSWR
FMS10SH-18	DC-6	0.3	80	1.20
	6-18	0.5	70	1.30
FMS10SH-26.5	DC-18	0.5	80	1.40
	18-26.5	0.6	70	1.50

Voltage*1 (V)		12	24	28
Current (mA)	Normally Open	300	150	140

[1] The voltage can be selected according to user requirements.

Mechanical

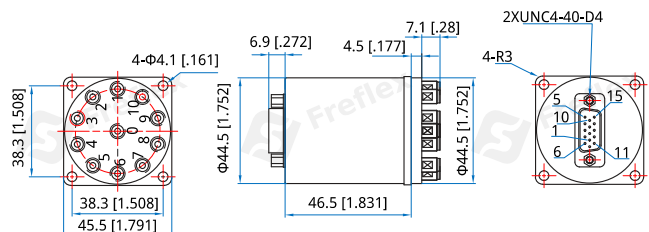
Size*2:	45.5*45.5*46.5mm 1.791*1.791*1.831in
Switching Sequence:	Break before Make
Switching Time:	15mS max.
Operation Life:	2M Cycles
Vibration (operating):	20-2000Hz, 10G RMS
Mechanical Shock (non-operating):	30G, 1/2sine, 11mS
RF Connectors:	SMA Female
Power Supply & Control Interface Connectors:	D-Sub 15/D-Sub 26
Mounting:	4-Φ4.1mm through-hole

[2] Exclude connectors.

Environmental

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

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

Additional Options

TTL: T

Indicators: I

Extended Temperature: Z

Positive Common

Waterproof Sealing Type

How To Order

FMSVSH-F-WXYZ

V: 9~10 (SP9T~SP10T)

F: Frequency in GHz

W: Actuator Type. Normally Open: 3.

X: Voltage. +12V: E, +24V: K, +28V: M.

Y: Power Interface. D-Sub: 1.

Z: Additional Options.

Examples:

To order a SP10T switch, High performance, DC-18GHz, Normally Open, +12V, D-Sub, TTL, Indicators, specify FMS10S-18-3E1TI.

Customization is available upon request.

Pin Numbering

Normally Open

Pin	Function	Pin	Function
1~10	V1~V10	22	Indicator (COM)
11	COM	23	VDC
12~21	Indicator (1~10)	24~26	NC

Normally Open&TTL

Pin	Function	Pin	Function
1~10	A1~A10	13~22	Indicator (1~10)
11	VDC	23	Indicator (COM)
12	COM	24~26	NC

Driving Schematic Diagram

