

FMS8SH

DC~26.5GHz, SP7T~SP8T

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
FMS8SH-18	DC-6	0.20	80	1.20
	6~18	0.35	60	1.35
FMS8SH-26.5	DC-18	0.50	80	1.50
	18~26.5	0.60	70	1.60

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

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

Mechanical

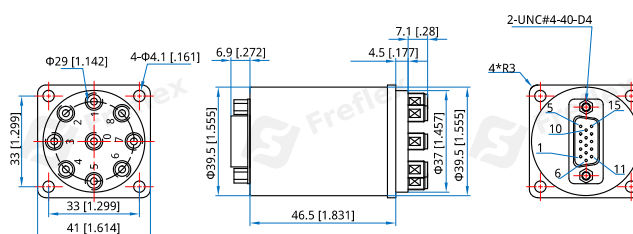
Size*2:	41*41*46.5mm 1.614*1.614*1.831in
Switching Sequence:	Break before Make
Switching Time:	15mS max.
Operation Life:	2M Cycles
Vibration (operating):	20-2000Hz, 10G RMS
Mechanical Shock	30G, 1/2sine, 11mS
(non-operating):	
RF Connectors:	SMA Female
Power Supply & Control	D-Sub 15/26 male
Interface Connectors:	
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: 7~8 (SP7T~SP8T)

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 SP8T switch, High performance, DC-18GHz, Normally Open, +12V, D-Sub, TTL, Indicators, specify FMS8SH-18-3E1TI.

Customization is available upon request.

Pin Numbering

Normally Open

Pin	Function	Pin	Function
1~8	V1~V8	18	Indicator (COM)
9	COM	19	VDC
10~17	Indicator (1~8)	20~26	NC

Normally Open & TTL

Pin	Function	Pin	Function
1~8	A1~A8	11~18	Indicator (1~8)
9	VDC	19	Indicator (COM)
10	COM	20~26	NC

Driving Schematic Diagram

