

FMS6E

DC~6.5GHz, SP3T~SP6T

Features:

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

Applications:

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

Electrical

Frequency:		DC~6.5GHz			
Impedance:		50Ω			
Frequency range (GHz)	Insertion Loss (dB)	Isolation (dB)	VSWR		
DC~4	0.3	70	1.25		
4~6.5	0.4	60	1.45		
Voltage (V)		+12	+18	+24	+28
Current (mA) Normally Open		240	160	140	120

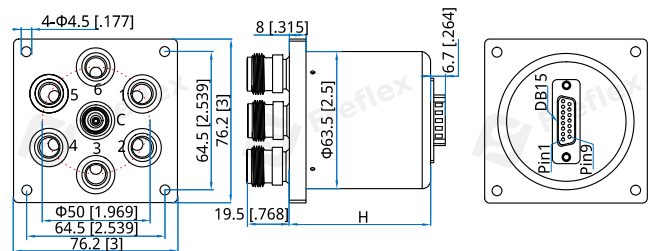
Mechanical

Switching Sequence:	Break before Make
Switching Time:	15mS max.
Operation Life:	1M Cycles
Vibration (operating):	20-2000Hz, 10G RMS
Mechanical Shock (non-operating):	50G, 1/2Sine, 11mS
RF Connectors:	SC Female
Relative Humidity:	5 to 85%
Power Supply & Control	Feed Through/Terminal Post or D-Sub 15

Environmental

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

Outline Drawings



	H mm [in]			Pin
D-Sub 15	66 [2.598]	No indicator	66 [2.598]	
Others	76 [2.992]	Indicator	69 [2.717]	

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

FMSVE-F-WXYZ

V: 3~6 (SP3T~SP6T)

F: Frequency in GHz

W: Actuator Type. Normally Open: 3.

X: Voltage. +12V: E, +18V: H, +24V: K, +28V: M.

Y: Power Interface.Pin: 0, D-Sub: 1

Z: Additional Options.

Additional Options

TTL: T

Indicators: I

Extended Temperature: Z

Positive Common

Waterproof Sealing Type

Examples:

To order a SP4T switch, DC-6.5GHz, Normally Open, +12V, D-Sub, TTL, Indicators, specify FMS4E-6.5-3E1TI.

Customization is available upon request.

Pin Numbering

Normally Open

Pin	Function	Pin	Function
1~6	V1~V6	14	Indicator (Com)
7	COM	15	VDC
8~13	Indicator (1~6)		

Normally Open & TTL

Pin	Function	Pin	Function
1~6	A1~A6	14	Indicator (Com)
7	COM	15	VDC
8~13	Indicator (1~6)		

Port

SP3T	1, 3, 5	SP5T	1~5
SP4T	1~2, 4~5	SP6T	1~6

Driving Schematic Diagram

