

Coaxial Switches

FPMS8N

DC~8GHz, SP7T~SP8T

Features:

- Low VSWR
- Low Insertion Loss
- High Isolation

Applications:

- Wireless
- Transmitter
- Laboratory Test
- Radar

Electrical

Frequency DC~8GHz
Impedance 50Ω

Frequency range (GHz)	Insertion Loss (dB Max.)	Isolation (dB Max.)	VSWR (Max.)
DC~3	0.4	70	1.5
3~8	0.7	60	1.7

Voltage (V)	+12	+24
Current (mA Max.) Normally Open	350 @ 25°C	150 @ 25°C

Mechanical

Size^[1] 67 x 82.6 x 82.6mm
2.638 x 3.252 x 3.252in

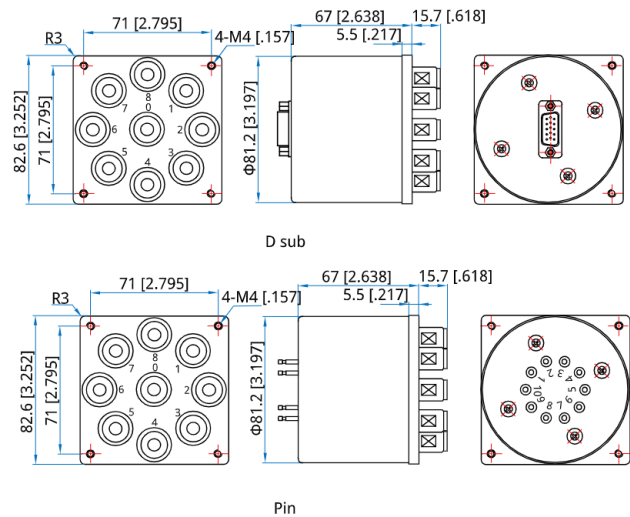
Switching Sequence Break before Make
Switching Time 20mS max.
Operation Life 1M Cycles
Vibration (operating) 20-2000Hz, 10G RMS
Mechanical Shock (non-operating) 30G, 1/2sine, 11mS
RF Connectors N Female
Power Supply & Control Interface Connectors Feed Through/ Terminal Post or D-Sub 15/26 Male
Mounting 4-M4mm through hole

[1] Exclude connectors.

Environmental

Operating Temperature -45~+85°C
Non-operating Temperature -55~+85°C

Outline Drawings



Note(s)

Unit: mm [in]
Tolerance: ±0.5mm [±0.2in]

Additional Options

TTL: T
Indicators: I
Positive Common
Waterproof Sealing Type

Pin Numbering

Driving Schematic Diagram

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

