

# FPS8-400-8000-A

## SP8T, 0.4~8GHz, Absorptive

**Features:**

- \* Low Insertion Loss
- \* High Isolation

**Applications:**

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

**Electrical**

Frequency:	0.4~8GHz
Insertion Loss:	3.2dB max.
Isolation:	70dB min.
VSWR:	1.7 max.
Average Power:	30dBm max.
Voltage/Current:	+5V DC/400mA typ.
	-5V DC/50mA typ.
Impedance:	50Ω

**Mechanical**

Size <sup>*1</sup> :	104*24*10.2mm
	4.094*0.945*0.402in
Switching Time:	120ns max.
RF Connectors:	SMA Female
Power Supply & Control Connectors:	Feed Through
Mounting:	4-Φ2.7mm through-hole

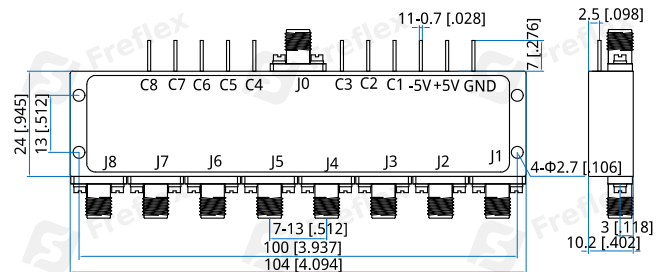
[1] Exclude connectors.

**Environmental**

Operating Temperature:	-40~+85°C
Non-operating Temperature:	-55~+125°C

**Control True Table**

C8	C7	C6	C5	C4	C3	C2	C1	Connection
1	1	1	1	1	1	1	0	J0 - J1 On
1	1	1	1	1	1	0	1	J0 - J2 On
1	1	1	1	1	0	1	1	J0 - J3 On
1	1	1	1	0	1	1	1	J0 - J4 On
1	1	1	0	1	1	1	1	J0 - J5 On
1	1	0	1	1	1	1	1	J0 - J6 On
1	0	1	1	1	1	1	1	J0 - J7 On
0	1	1	1	1	1	1	1	J0 - J8 On

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

**How To Order**

**FPS8-400-8000-A**

Customization is available upon request.