

# FPS6-2000-8000-A-1

## SP6T, 2~8GHz, Absorptive

**Features:**

- \* Low Insertion Loss
- \* High Isolation

**Applications:**

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

**Electrical**

Frequency:	2~8GHz
Insertion Loss:	2.5dB max.
Isolation:	65dB min.
VSWR:	1.5 max.
Input Power:	30dBm max.
Voltage/Current:	+5V@300mA max. -5V@50mA max.
Control:	TTL High - 1 TTL Low/NC - 0
Impedance:	50Ω

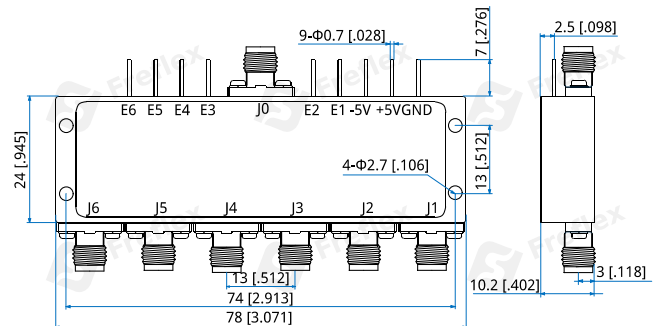
**Mechanical**

Size <sup>*1</sup> :	78*24*10.2mm 3.071*0.945*0.402in
Switching Time:	120ns max.
RF Connectors:	SMA Female
Power Supply Connectors:	Feed Through/Terminal Post
Housing Material:	Nickel plated aluminum
Mounting:	4-Φ2.7mm through-hole

[1] Exclude connectors.

**Environmental**

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

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

**Control True Table**

E1	E2	E3	E4	E5	E6	Connection
0	1	1	1	1	1	J0-J1
1	0	1	1	1	1	J0-J2
1	1	0	1	1	1	J0-J3
1	1	1	0	1	1	J0-J4
1	1	1	1	0	1	J0-J5
1	1	1	1	1	0	J0-J6

**How To Order**

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Customization is available upon request.