

# FPS4-0-20000-A

## SP4T, DC~20GHz, Absorptive

**Features:**

- \* Low Insertion Loss
- \* High Isolation

**Applications:**

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

**Electrical**

Frequency:	DC~20GHz
Insertion Loss:	4dB max.
Isolation:	60dB min.
VSWR:	2 max.
Amplitude Balance:	±0.8dB max.
Phase Balance:	±8° max.
Input Power:	25dBm max.
Voltage/Current:	±5V@20mA max.
Control:	TTL High - 1 TTL Low/NC - 0
Impedance:	50Ω

**Mechanical**

Switching Time:	100nS max.
RF Connectors:	SMA Female
Power Supply Connectors:	Feed Through/Terminal Post
Housing Material:	Nickel plated aluminum
Mounting:	6-Φ2.49mm through-hole

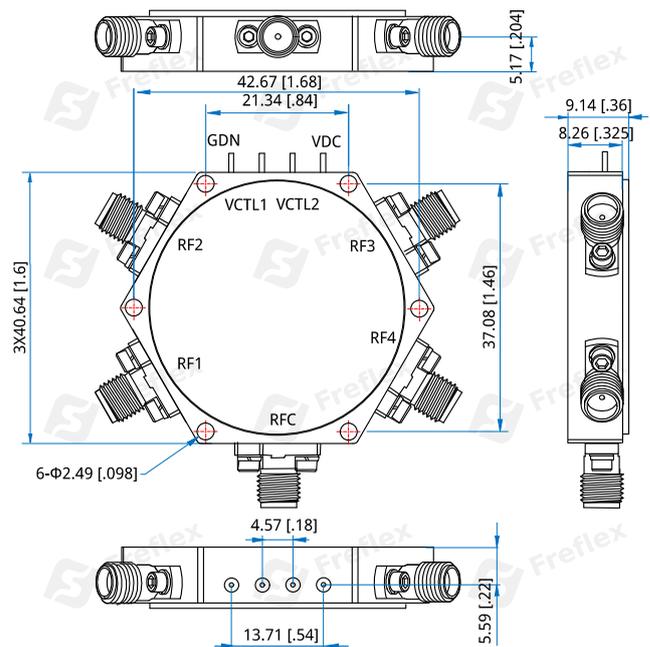
**Environmental**

Operating Temperature:	-45~+85°C
Non-operating Temperature:	-55~+125°C

**How To Order**

**FPS4-0-20000-A**

Customization is available upon request.

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

**Control True Table**

VCTL1	VCTL2	Strobe Channel
0	0	RFC-RF1
0	1	RFC-RF2
1	0	RFC-RF3
1	1	RFC-RF4