

FPS4-5-6000-A

SP4T, 0.005~6GHz, Absorptive

Features:
 * Low Insertion Loss
 * High Isolation

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

| | |
|------------------|--------------------------------|
| Frequency: | 0.005~6GHz |
| Insertion Loss: | 1.5dB typ. |
| Isolation: | 50dB typ. |
| VSWR: | 1.3 typ. |
| Voltage/Current: | +5V DC/10mA typ. |
| Switching Time: | 200ns typ. |
| Control: | TTL High - 1 TTL Low/NC - 0 |
| Impedance: | 50Ω |

Absolute Maximum Ratings*1

| | |
|----------------|--|
| Average Power: | 37dBm max. (On state, above 50MHz) 30dBm max. (On state, below 50MHz) 27dBm max. (Off state) |
| Voltage: | 6V max. |

[1] Permanent damage may occur if any of these limits are exceeded.

Mechanical

| | |
|------------------------------------|-----------------------------------|
| Size*1: | 52*24*12mm 2.047*0.945*0.472in |
| RF Connectors: | SMA Female |
| Power Supply & Control Connectors: | Feed Through/Terminal Post |
| Mounting: | 4-Φ2.7mm through-hole |

[1] Exclude connectors.

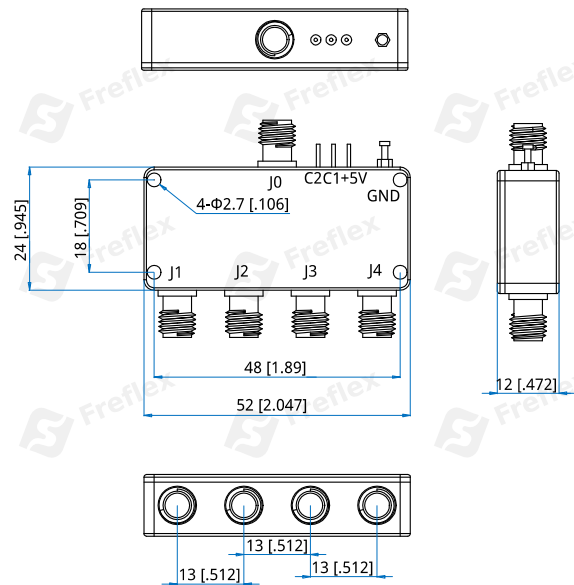
Environmental

| | |
|----------------------------|------------|
| Operating Temperature: | -25~+85°C |
| Non-operating Temperature: | -40~+125°C |

Control True Table

| C2 | C1 | Connection |
|----|----|------------|
| 0 | 0 | J0 - J1 On |
| 1 | 1 | J0 - J2 On |
| 1 | 0 | J0 - J3 On |
| 0 | 1 | J0 - J4 On |

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

FPS4-5-6000-A

Customization is available upon request.

Typical Performance Curves

