

FPS5-6000-12000-R

SP5T, 6~12GHz, Reflective

Features:

- * Low Insertion Loss
- * High Isolation

Applications:

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

Electrical

| | |
|------------------|---------------------------------|
| Frequency: | 6~12GHz |
| Insertion Loss: | 2.4dB max. |
| Isolation: | 65dB min. |
| VSWR: | 1.7 max. |
| Input Power: | 30dBm max. |
| Voltage/Current: | +5V@250mA max. -5V@50mA max. |
| Control: | TTL High - 1 TTL Low/NC - 0 |
| Impedance: | 50Ω |

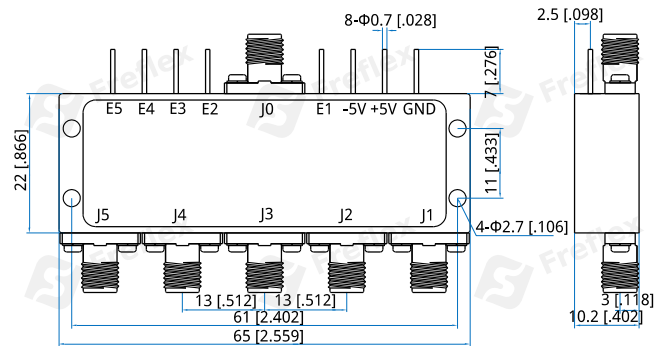
Mechanical

| | |
|--------------------------|-------------------------------------|
| Size ^{*1} : | 65*22*10.2mm 2.559*0.866*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: | -45~+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 | Connection |
|----|----|----|----|----|------------|
| 0 | 1 | 1 | 1 | 1 | J0-J1 |
| 1 | 0 | 1 | 1 | 1 | J0-J2 |
| 1 | 1 | 0 | 1 | 1 | J0-J3 |
| 1 | 1 | 1 | 0 | 1 | J0-J4 |
| 1 | 1 | 1 | 1 | 0 | J0-J5 |

How To Order

FPS5-6000-12000-R

Customization is available upon request.