

## FPS4-2000-40000-A-2

### SP4T, 2~40GHz, Absorptive

#### Features:

- \* Low Insertion Loss
- \* High Isolation

#### Applications:

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

#### Electrical

|                  |                                 |
|------------------|---------------------------------|
| Frequency:       | 2~40GHz                         |
| Insertion Loss:  | 6.5dB max.                      |
| Isolation:       | 70dB min.                       |
| VSWR:            | 3 max.                          |
| Input Power:     | 23dBm max.                      |
| Voltage/Current: | +5V@150mA max.<br>-5V@50mA max. |
| Control:         | TTL High - 1<br>TTL Low/NC - 0  |
| Impedance:       | 50Ω                             |

#### Mechanical

|                          |                                                   |
|--------------------------|---------------------------------------------------|
| Size <sup>*1</sup> :     | 31.18*27*12mm<br>1.228*1.063*0.472in              |
| Switching Time:          | 50ns max.                                         |
| RF Connectors:           | 2.92mm Female                                     |
| Power Supply Connectors: | Feed Through/Terminal Post                        |
| Housing Material:        | Gold plated aluminum or<br>Nickel plated aluminum |
| Mounting:                | 3-Φ2.2mm through-hole                             |

[1] Exclude connectors.

#### Environmental

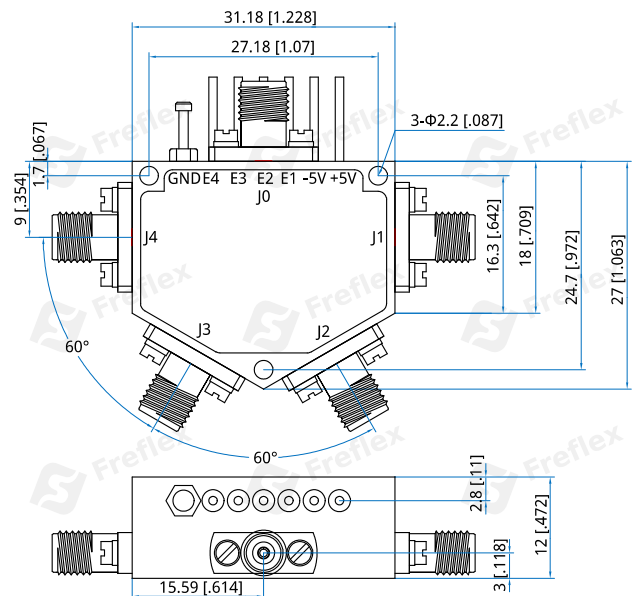
|                            |            |
|----------------------------|------------|
| Operating Temperature:     | -45~+85°C  |
| Non-operating Temperature: | -55~+125°C |

#### How To Order

**FPS4-2000-40000-A-2**

Customization is available upon request.

#### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

#### Control True Table

| E4 | E3 | E2 | E1 | Connection |
|----|----|----|----|------------|
| 1  | 1  | 1  | 0  | J0 - J1 On |
| 1  | 1  | 0  | 1  | J0 - J2 On |
| 1  | 0  | 1  | 1  | J0 - J3 On |
| 0  | 1  | 1  | 1  | J0 - J4 On |