

FPS8-1000-40000-A

SP8T, 1~40GHz, Absorptive

Features:

- * Low Insertion Loss
- * High Isolation

Applications:

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

Electrical

| | |
|------------------|----------------|
| Frequency: | 1~40GHz |
| Insertion Loss: | 8.5dB max. |
| Isolation: | 45dB min. |
| VSWR: | 2.8 max. |
| Input Power: | 23dBm max. |
| Voltage/Current: | +5V/120mA max. |
| | -5V/50mA max. |
| Impedance: | 50Ω |
| Control: | TTL High - 1 |
| | TTL Low/NC - 0 |

Mechanical

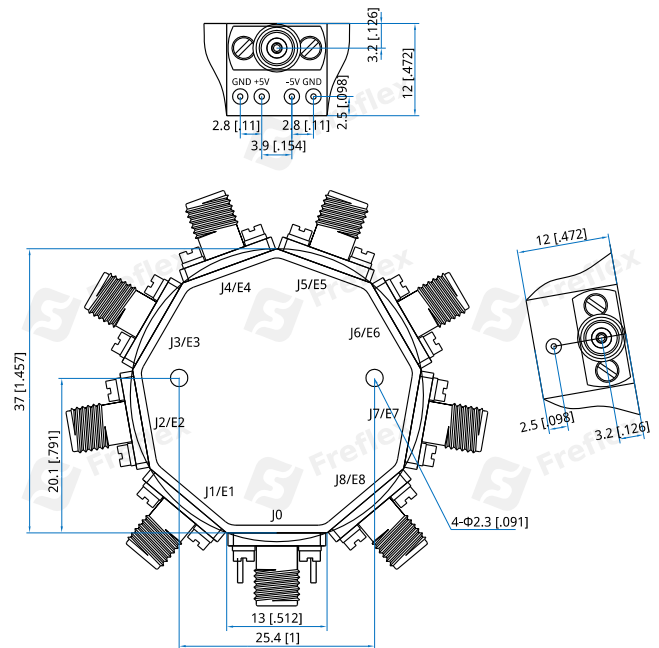
| | |
|-----------------|-----------------------|
| Switching Time: | 50nS max. |
| RF Connectors: | 2.92mm female |
| Weight: | 45g |
| Mounting: | 4-Φ2.3mm through-hole |

Environmental

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

Control True Table

| E8 | E7 | E6 | E5 | E4 | E3 | E2 | E1 | Connection |
|----|----|----|----|----|----|----|----|------------|
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | J0 - J1 |
| 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | J0 - J2 |
| 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | J0 - J3 |
| 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | J0 - J4 |
| 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | J0 - J5 |
| 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | J0 - J6 |
| 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | J0 - J7 |
| 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | J0 - J8 |

Outline Drawings


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order
FPS8-1000-40000-A

Customization is available upon request.