

FPS16-200-20000-A

SP16T, 0.2~20GHz, Absorptive

Features:

- * Low Insertion Loss
- * High Isolation

Applications:

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

Electrical

| | |
|------------------|----------------|
| Frequency: | 0.2~20GHz |
| Insertion Loss: | 7.5dB max. |
| Isolation: | 80dB min. |
| VSWR: | 2 max. |
| Input Power: | 30dBm max. |
| Voltage/Current: | +5V@700mA max. |
| | -5V@100mA max. |
| Control: | TTL High - 1 |
| | TTL Low/NC - 0 |
| Impedance: | 50Ω |

Mechanical

| | |
|--------------------------|----------------------------|
| Size ^{*1} : | 203.2*30*10.2mm |
| | 8*1.181*0.402in |
| Switching Time: | 150ns max. |
| RF Connectors: | SMA Female |
| Power Supply Connectors: | Feed Through/Terminal Post |
| Housing Material: | Nickel plated aluminum |
| Mounting: | 4-Φ2.8mm through-hole |

[1] Exclude connectors.

Environmental

| | |
|----------------------------|------------|
| Operating Temperature: | -40~+85°C |
| Non-operating Temperature: | -55~+125°C |

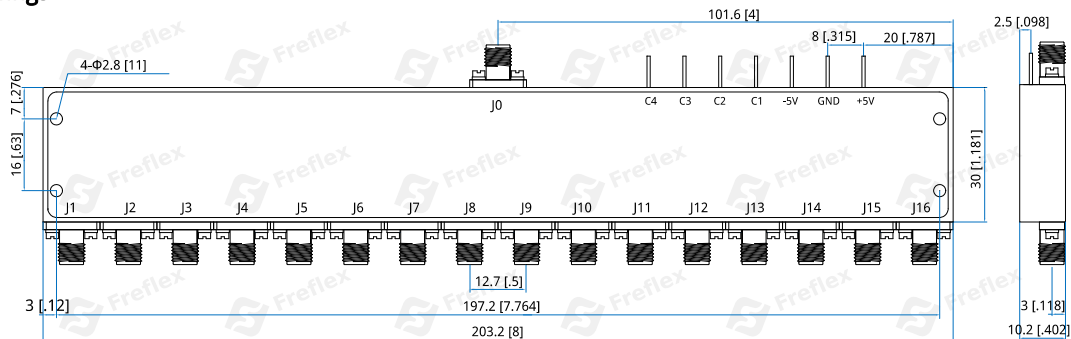
Control True Table

| E4 | E3 | E2 | E1 | Connection |
|----|----|----|----|-------------|
| 0 | 0 | 0 | 0 | J0 - J1 On |
| 0 | 0 | 0 | 1 | J0 - J2 On |
| 0 | 0 | 1 | 0 | J0 - J3 On |
| 0 | 0 | 1 | 1 | J0 - J4 On |
| 0 | 1 | 0 | 0 | J0 - J5 On |
| 0 | 1 | 0 | 1 | J0 - J6 On |
| 0 | 1 | 1 | 0 | J0 - J7 On |
| 0 | 1 | 1 | 1 | J0 - J8 On |
| 1 | 0 | 0 | 0 | J0 - J9 On |
| 1 | 0 | 0 | 1 | J0 - J10 On |
| 1 | 0 | 1 | 0 | J0 - J11 On |
| 1 | 0 | 1 | 1 | J0 - J12 On |
| 1 | 1 | 0 | 0 | J0 - J13 On |
| 1 | 1 | 0 | 1 | J0 - J14 On |
| 1 | 1 | 1 | 0 | J0 - J15 On |
| 1 | 1 | 1 | 1 | J0 - J16 On |

How To Order

FPS16-200-20000-A

Customization is available upon request.

Outline Drawings


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]