

# FPS16-500-40000-R

## SP16T, 0.5~40GHz, Reflective

**Features:**

- \* Low Insertion Loss
- \* High Isolation

**Applications:**

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

**Electrical**

Frequency:	0.5~40GHz
Insertion Loss:	12.5dB max.
Isolation:	60dB min.
VSWR:	2.5 max.
Input Power:	23dBm max.
Voltage/Current:	+5V@650mA max.
	-5V@100mA max.
Control:	TTL High - 1
	TTL Low/NC - 0
Impedance:	50Ω

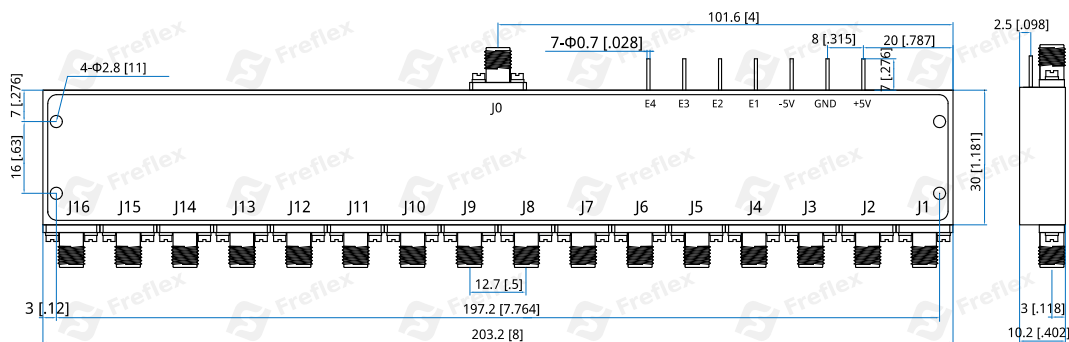
**Mechanical**

Size <sup>*1</sup> :	203.2*30*10.2mm
	8*1.181*0.402in
Switching Time:	200ns max.
RF Connectors:	2.92mm 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

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

**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**

**FPS16-500-40000-R**

Customization is available upon request.