FPS16-2000-8000-A

SP16T, 2~8GHz, Absorptive

Features:
* Low Insertion Loss
* High Isolation

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	2~8GHz
Insertion Loss:	4.2dB max.
Isolation:	80dB min.
VSWR:	1.7 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℃
Non-operating Temperature:	-55~+125℃

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

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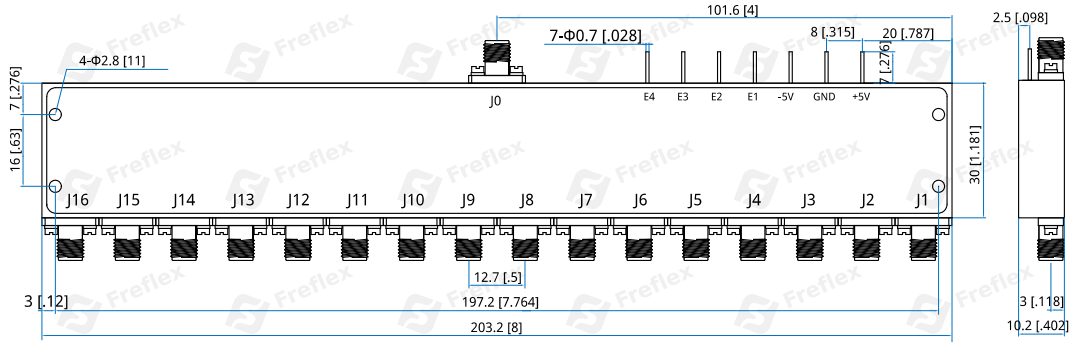
Customization is available upon request.

Outline Drawings



Unit: mm [in]
Tolerance: ±0.2mm [±0.008in]