

FPS24-500-8000-A SP24T, 0.5~8GHz, Absorptive

Features:

- * Low Insertion Loss
- * High Isolation

Applications:

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

Electrical

Frequency:	0.5~8GHz
Insertion Loss:	5.6dB max.
Isolation:	70dB min.
VSWR:	2 max.
Input Power:	27dBm max.
Voltage/Current:	+5V@1.4A max. -5V@0.1A max.
Control:	TTL High - 1 TTL Low/NC - 0

Mechanical

Size*1:	304.8*40*16mm 12*1.575*0.63in
RF Connectors:	SMA Female
Switching Time:	100ns max.
Power Supply & Control	D-Sub 9 Female
Interface Connectors:	
Housing Material:	Nickel plated aluminum
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

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

Pin Numbering

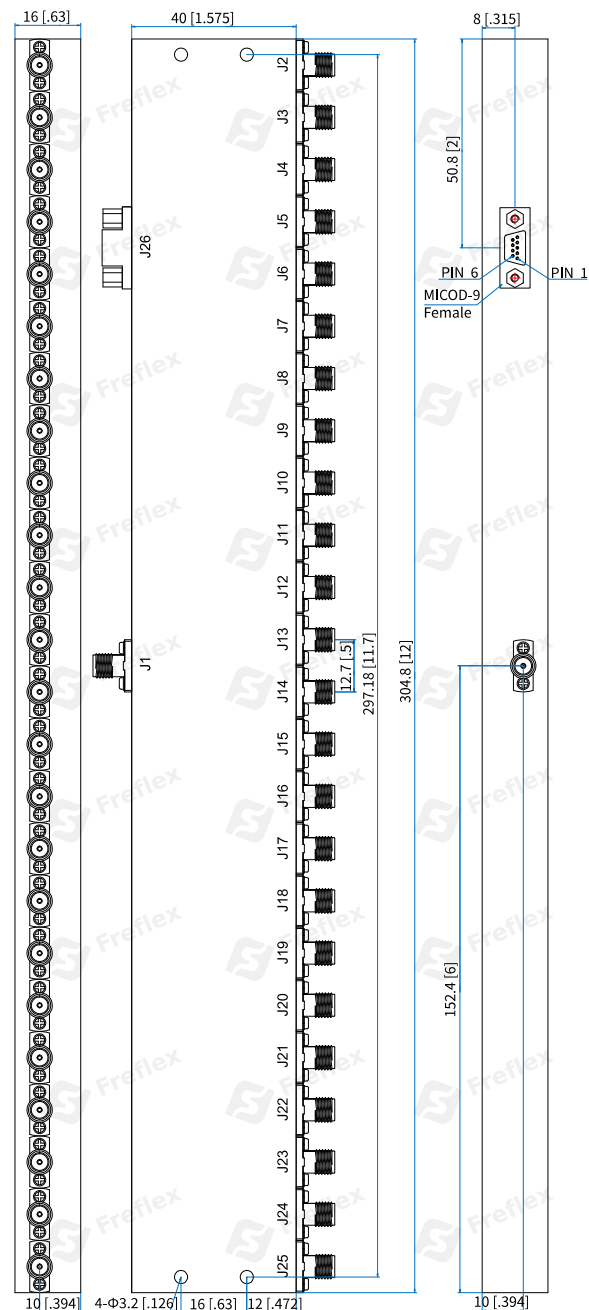
Pin	Function	Pin	Function
1~2	+5V	4	-5V
3	GND	5~9	E1~E5

How To Order

FPS24-500-8000-A

Customization is available upon request.

Outline Drawings



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

Control True Table

E5	E4	E3	E2	E1	Connection
0	0	0	0	0	J0 - J1 On
0	0	0	0	1	J0 - J2 On
0	0	0	1	0	J0 - J3 On
0	0	0	1	1	J0 - J4 On
0	0	1	0	0	J0 - J5 On
0	0	1	0	1	J0 - J6 On
0	0	1	1	0	J0 - J7 On
0	0	1	1	1	J0 - J8 On
0	1	0	0	0	J0 - J9 On
0	1	0	0	1	J0 - J10 On
0	1	0	1	0	J0 - J11 On
0	1	0	1	1	J0 - J12 On
0	1	1	0	0	J0 - J13 On
0	1	1	0	1	J0 - J14 On
0	1	1	1	0	J0 - J15 On
0	1	1	1	1	J0 - J16 On
1	0	0	0	0	J0 - J17 On
1	0	0	0	1	J0 - J18 On
1	0	0	1	0	J0 - J19 On
1	0	0	1	1	J0 - J20 On
1	0	1	0	0	J0 - J21 On
1	0	1	0	1	J0 - J22 On
1	0	1	1	0	J0 - J23 On
1	0	1	1	1	J0 - J24 On