

FPS8-500-50000-A-1

SP8T, 0.5~50GHz, Absorptive

Features:

- * Low Insertion Loss
- * High Isolation

Applications:

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

Electrical

Frequency:	0.5~50GHz
Insertion Loss:	12dB max.
Isolation:	40dB min.
VSWR:	3 max.
Input Power:	+23dBm max.
Voltage/Current:	+5V@100mA max. -5V@50mA max.
Control:	TTL High - 1 TTL Low/NC - 0
Impedance:	50Ω

Mechanical

Size ^{*1} :	48.54*40.26*9.5mm 1.911*1.585*0.374in
Switching Time ^{*2} :	100ns max.
RF Connectors:	2.4mm Female
Power Supply Connectors:	Feed Through/Terminal Post
Mounting:	3-Φ2.8mm through-hole

[1] Exclude connectors.

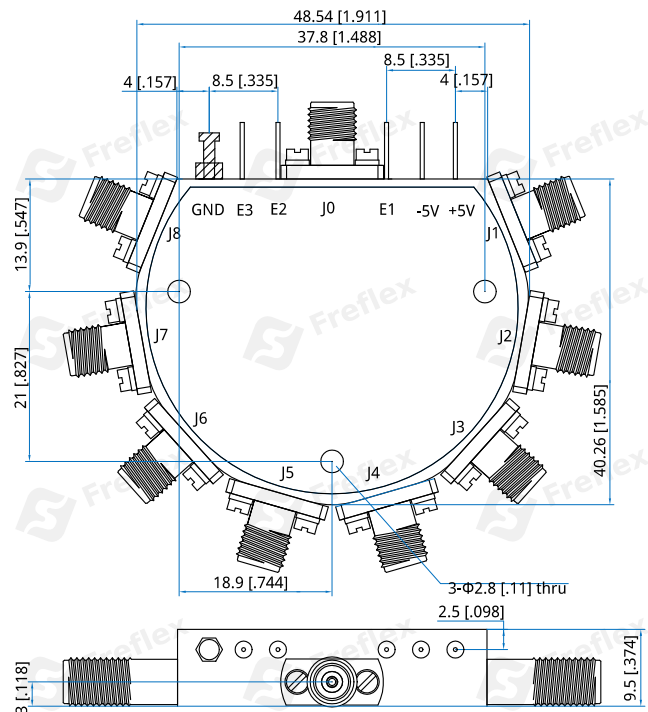
[2] Values at 25°C, sea level. Switching speed is defined as 50% TTL to 90% RF (t-on) and 50% TTL to 10% RF (t-off).

Environmental

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

Control True Table

E3	E2	E1	Connection
0	0	0	J0 - J1 On
0	0	1	J0 - J2 On
0	1	0	J0 - J3 On
0	1	1	J0 - J4 On
1	0	0	J0 - J5 On
1	0	1	J0 - J6 On
1	1	0	J0 - J7 On
1	1	1	J0 - J8 On

Outline Drawings


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

How To Order

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Customization is available upon request.