

FPS10-400-8500-A

SP10T, 0.4~8.5GHz, Absorptive

Features:
 * Low Insertion Loss
 * High Isolation

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency:	0.4~8.5GHz
Insertion Loss:	4dB max.
Isolation:	60dB min.
VSWR:	1.8 max.
Input Power:	+27dBm max.
Voltage/Current:	+5V@500mA max. -5V@100mA max.
Control:	TTL High - 1 TTL Low/NC - 0
Impedance:	50Ω

Mechanical

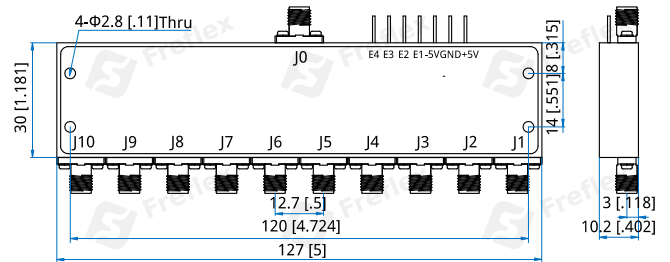
Size ^{*1} :	127*30*10.2mm 5*1.181*0.402in
Switching Time:	150ns max.
RF Connectors:	SMA Female
Housing Material:	Nickel plated aluminum
Mounting:	4-Φ2.8mm through-hole

[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

How To Order

[FPS10-400-8500-A](#)

Customization is available upon request.