

FPS3-12000-18000-A

SP3T, 12~18GHz, Absorptive

Features:

- * Low Insertion Loss
- * High Isolation

Applications:

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

Electrical

Frequency:	12~18GHz
Insertion Loss:	3.5dB max.
Isolation:	80dB min.
VSWR:	2 max.
Input Power:	30dBm max.
Voltage/Current:	+5V@150mA max.
	-5V@50mA max.
Control:	TTL High - 1
	TTL Low/NC - 0
Impedance:	50Ω

Mechanical

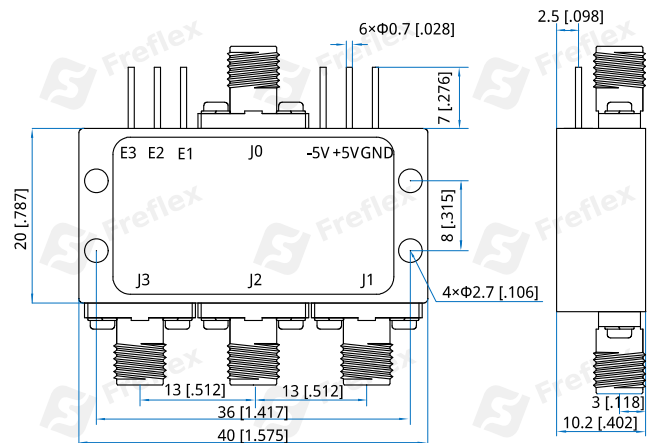
Size ^{*1} :	40*20*10.2mm 1.575*0.787*0.402in
Switching Time:	100nS max.
RF Connectors:	SMA Female
Power Supply Connectors:	Feed Through/Terminal Post
Housing Material:	Nickel plated aluminum
Mounting:	4-Φ2.7mm through-hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-45~+85°C
Non-operating Temperature:	-55~+125°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Control True Table

E1	E2	E3	Connection
0	1	1	J0 - J1 On
1	0	1	J0 - J2 On
1	1	0	J0 - J3 On

How To Order

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Customization is available upon request.