

FPS1-12000-18000-A

SPST, 12~18GHz, Absorptive

Features:

- * Low Insertion Loss
- * High Isolation

Applications:

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

Electrical

Frequency:	12~18GHz
Insertion Loss:	2.5dB max.
Isolation:	80dB min.
VSWR:	2 max.
Input Power:	20dBm max.
Voltage/Current:	+5V@50mA max.
	-5V@50mA max.
Control:	TTL High - 1
	TTL Low/NC - 0
Impedance:	50Ω

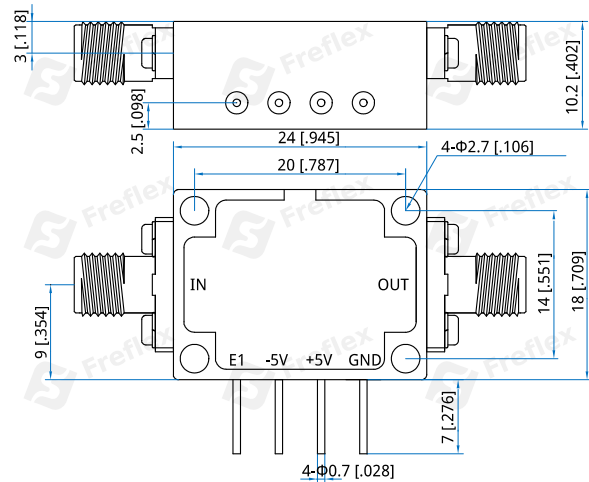
Mechanical

Size ^{*1} :	24*18*10.2mm
	0.945*0.709*0.402in
Switching Time:	40ns 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	Connection
0	On
1	Off

How To Order

[FPS1-12000-18000-A](#)

Customization is available upon request.