



Empowering RF Innovations

PIN Diode Switch

FPPS2-6000-12000-A-4

SPDT, 6~12GHz, Absorptive

Features:

- Low Insertion Loss
- High Isolation

Applications:

- Wireless
- Transmitter
- Laboratory Test
- Radar

Electrical

Frequency: 6~12GHz
Insertion Loss: 2.2dB max.
Isolation: 70dB min.
VSWR: 1.7 max.
Input Power: 20dBm max.
Voltage/Current: +5V@50mA max.
 -5V@50mA max
Control: TTL High - 1
 TTL Low/NC - 0

Mechanical

Size*1: 25*17.5*10.2mm
 0.984*0.689*0.402in
Switching Time: 35nS 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.

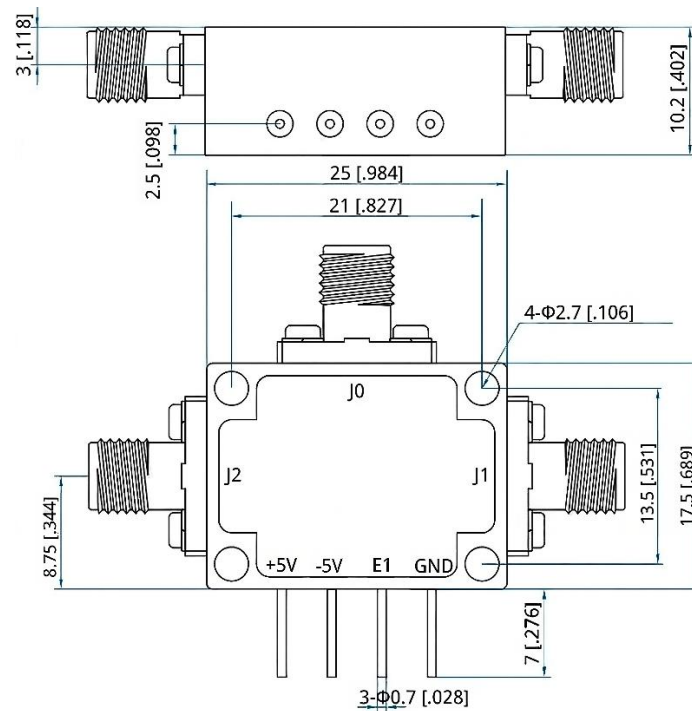
Environmental

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

Control True Table

E1	Connection
0	J0 - J1 On
1	J0 - J2 On

Construction



Note(s)

Unit: mm [in]

Tolerance: ± 0.2 mm [± 0.008 in]