

PIN Diode Switch

FPPS6-2000-12000-A

SP6T, 2~12GHz, Absorptive

Features:

- High Isolation
- Low Insertion Loss

Applications:

- Wireless
- Transmitter
- Radar
- Laboratory Test

Electrical

- Frequency:** 2~12GHz
- Insertion Loss:** 3.2dB max.
- Isolation:** 65dB min.
- VSWR:** 1.7 max
- Input Power:** 30dBm max.
- Voltage/Current:** +5V@300mA max.
-5V@50mA max.
- Control:** TTL High - 1
TTL Low/NC - 0
- Impedance:** 50Ω

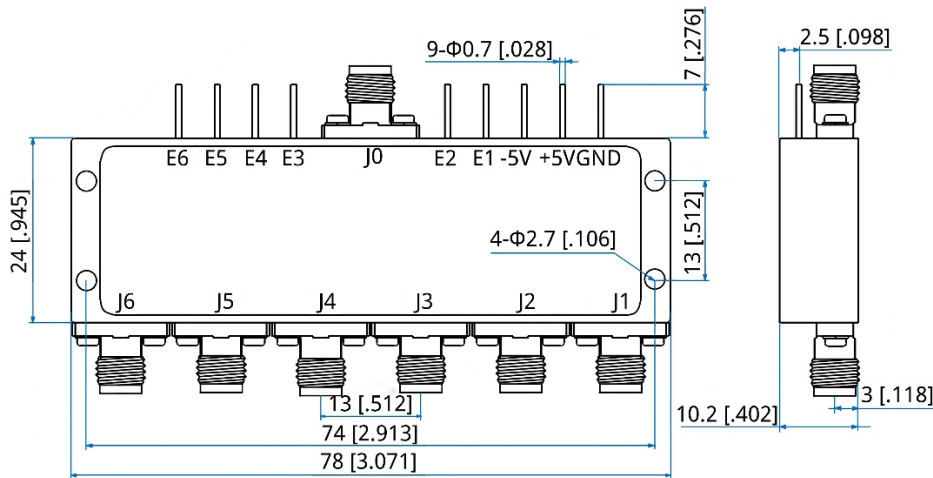
Mechanical

- Size *1:** 78*24*10.2mm
3.071*0.945*0.402in
 - Switching Time:** 120ns max
 - RF Connectors:** SMA Female
 - Mounting:** 4-Φ2.7mm through-hole
 - Housing Material:** Nickel plated aluminum
 - Power Supply Connectors:** Feed Through/Terminal Post
- [1] Exclude connectors

Environmental

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

Construction



Note(s)

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Control True Table

E1	E2	E3	E4	E5	E6	Connection
0	1	1	1	1	1	J0-J1
1	0	1	1	1	1	J0-J2
1	1	0	1	1	1	J0-J3
1	1	1	0	1	1	J0-J4
1	1	1	1	0	1	J0-J5
1	1	1	1	1	0	J0-J6