

FPS2-10-6000-R

SP2T, 0.01~6GHz, Reflective

Features:

- * Low Insertion Loss
- * High Isolation

Applications:

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

Electrical

Frequency:	0.01~6GHz
Insertion Loss:	1.5dB max.
Isolation:	35dB min.
VSWR:	1.5 max.
Input Power:	47dBm max.
DC Power Dissipation:	0.5W typ.
P0.1dB:	47dBm typ.
IIP3:	55dBm typ.
Impedance:	50Ω
Voltage:	+5V DC
Current:	100mA max.
Control:	TTL High - 1 TTL Low/NC - 0

Mechanical

Size*1:	40*34*9.5mm 1.575*1.339*0.374in
Switching Time:	150ns typ.
Weight:	96.4g max.
Material:	Copper
RF Connectors:	SMA Female
Power Supply Connectors:	Feed Through/Terminal Post
Mounting:	4-Φ2.2mm through-hole

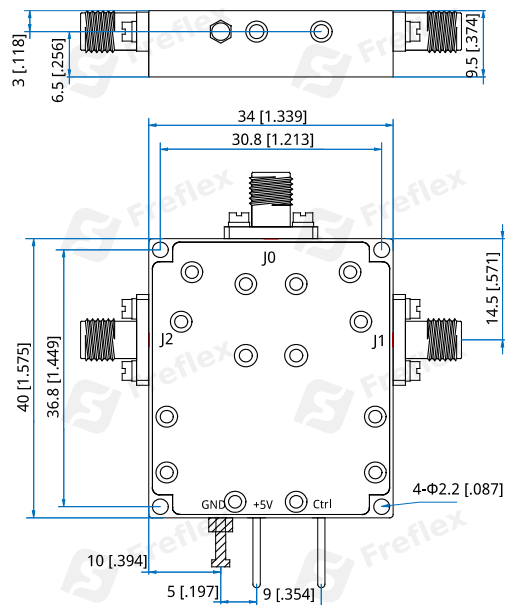
[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+85°C
Non-operating Temperature:	-50~+105°C

Outline Drawings

(Heatsink to be designed)


Notes:

Heatsink Included - Mandatory for Operation.

Unit: mm [in]

Tolerance: ±0.1mm [±0.004in]

Control True Table

Ctrl	Connection
0	J0 - J2 On, J0 - J1 Off
1	J0 - J1 On, J0 - J2 Off

How To Order

FPS2-10-6000-R

Customization is available upon request.