

FPS1-9K-20000-A-1

SPST, 9K~20GHz, Absorptive

Features:

- * Low Insertion Loss
- * High Isolation

Applications:

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


Electrical

Frequency:	9K~20GHz
Insertion Loss:	3.2dB max.
Isolation:	60dB typ.
VSWR (On state):	1.4 typ.
VSWR (Off state):	1.6 typ.
Voltage:	-5V DC typ.
Current:	10mA typ.
Switching Time:	10nS typ.

Absolute Maximum Ratings*1

RF Input Power:	30dBm
Control Voltage:	-8~+0.5V

[1] Permanent damage may occur if any of these limits are exceeded.

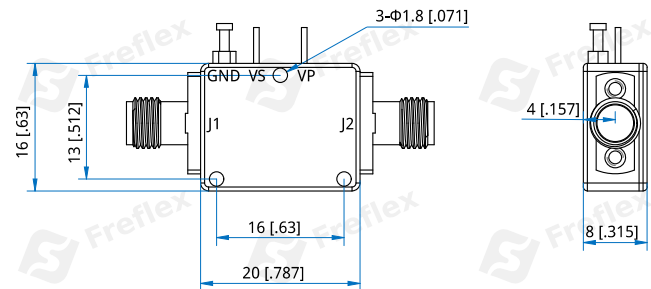
Mechanical

Size*2:	20*16*8mm
	0.787*0.63*0.315in
RF Connectors:	SMA female (Removable)
Power Supply Connectors:	Feed through/Terminal post
Mounting:	3-Φ1.8mm through-hole

[2] 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

VS	VP	Connection
0V	-5V	On
-5V	0V	Off

How To Order

FPS1-9K-20000-A-1

Customization is available upon request.

Typical Performance Curves

