

QPS1-6000-18000-A-1

SPST, 6~18GHz, Absorptive

Features:

- * Low Insertion Loss
- * High Isolation

Applications:

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

Electrical

Frequency:	6~18GHz
Insertion Loss:	2.5dB max.
Isolation:	80dB min.
VSWR:	2 max.
Input Power:	30dBm max.
Voltage/Current:	+5V@100mA max. -5V@50mA max.
Control:	TTL High - 1 TTL Low/NC - 0
Impedance:	50Ω

Mechanical

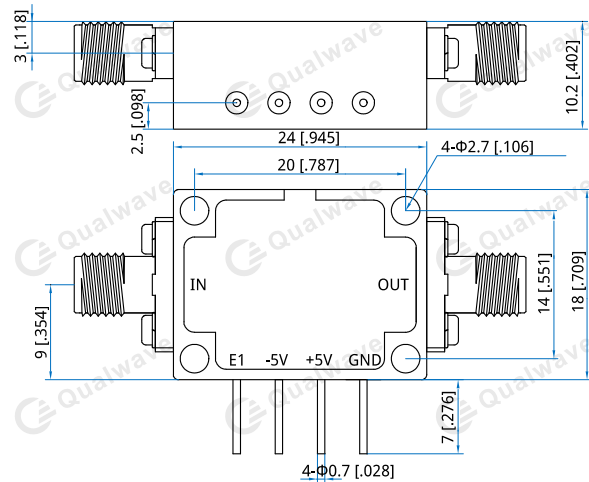
Size ^{*1} :	24*18*10.2mm 0.945*0.709*0.402in
Switching Time ^{*2} :	120ns max.
RF Connectors:	SMA Female
Weight:	15g typ.
Power Supply Connectors:	Feed Through/Terminal Post
Mounting:	4-Φ2.7mm through-hole

[1] Exclude connectors.

[2] Values at 25°C, sea level. Switching speed is defined as 50% TTL to 90% RF (t-on) and 50% TTL to 10% RF (t-off).

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

[QPS1-6000-18000-A-1](#)

Customization is available upon request.