

QPS1-6000-12000-A-1

SPST, 6~12GHz, Absorptive

Features:
 * Low Insertion Loss
 * High Isolation

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency:	6~12GHz
Insertion Loss:	2.0dB max.
Isolation:	80dB min.
VSWR:	1.5 max.
Input Power:	30dBm max.
Voltage/Current:	+5V±0.5V@50mA max. -5V±0.5V@50mA max.
Control:	TTL High - 1 TTL Low/NC - 0
Impedance:	50Ω

Mechanical

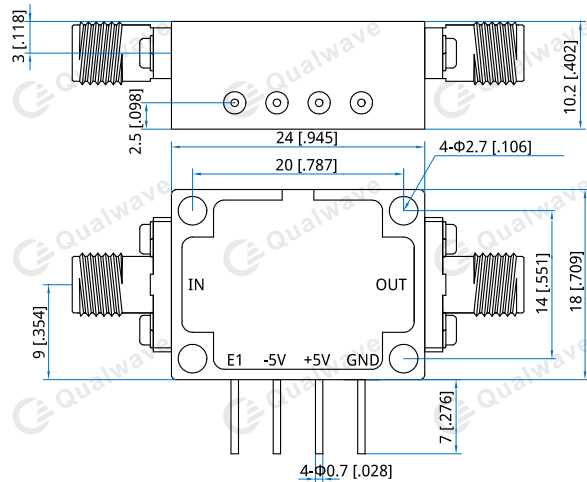
Size ^{*1} :	24*18*10.2mm 0.945*0.709*0.402in
Switching Time:	100ns max.
RF Connectors:	SMA Female
Power Supply Connectors:	Feed Through/Terminal Post
Housing Material:	Nickel plated aluminum
Mounting:	4-Φ2.7mm through-hole

[1] Exclude connectors.

Environmental

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

Outline Drawings



Unit: mm [in]
 Tolerance: ±0.2mm [±0.008in]

Control True Table

E1	Connection
0	On
1	Off

How To Order

[QPS1-6000-12000-A-1](#)

Customization is available upon request.