

QPS1-500-40000-A

SPST, 0.5~40GHz, Absorptive

Features:
 * Low Insertion Loss
 * High Isolation

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

| | |
|------------------|--------------------------------|
| Frequency: | 0.5~40GHz |
| Insertion Loss: | 5dB max. |
| Isolation: | 45dB min. |
| VSWR: | 2.5 max. |
| Input Power: | 23dBm max. |
| Voltage/Current: | +5V@50mA max. -5V@50mA max. |
| Control: | TTL High - 1 TTL Low/NC - 0 |
| Impedance: | 50Ω |

Mechanical

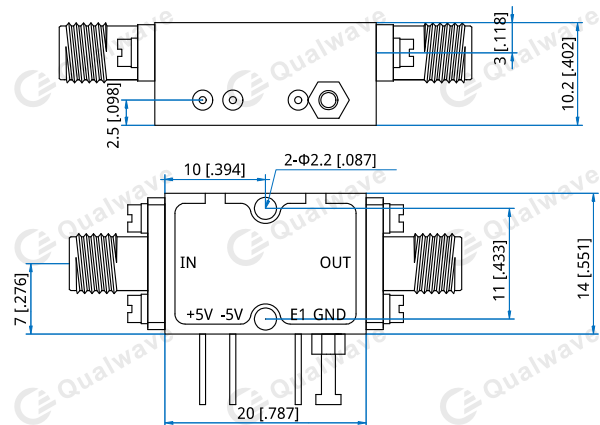
| | |
|--------------------------|---|
| Size ^{*1} : | 20*14*10.2mm 0.787*0.551*0.402in |
| Switching Time: | 50ns max. |
| RF Connectors: | 2.92mm Female |
| Power Supply Connectors: | Feed Through/Terminal Post |
| Housing Material: | Gold plated aluminum or Nickel plated aluminum |
| Mounting: | 2-Φ2.2mm 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 | Off |
| 1 | ON |

How To Order

QPS1-500-40000-A

Customization is available upon request.