

## **PIN Diode Switch**

# **QPS2-0.95-200-A** SP2T, 0.95~200MHz, Absorptive

#### Features:

- \* Low Insertion Loss \* High Isolation
- \* Wireless
- \* Transmitter

Applications:

- \* Laboratory Test
- \* Radar

### Electrical

| Frequency:               | 0.95~200MHz   |
|--------------------------|---------------|
| Insertion Loss:          | 1dB max.      |
| Isolation:               | 40dB min.     |
| VSWR:                    | 1.5 max.      |
| 100MHz In-band Flatness: | 0.3dB max.    |
| Power Without Damage:    | 2W            |
| On/Off Delay:            | 1uS max.      |
| Impedance:               | 50Ω           |
| Voltage:                 | +5V DC        |
| Current:                 | 200mA max.    |
| Control:                 | TTL logic     |
|                          | High: locked  |
|                          | Low: unlocked |

#### Mechanical

| Size <sup>*1</sup> :     | 36*25*13mm                 |
|--------------------------|----------------------------|
|                          | 1.417*0.984*0.512in        |
| RF Connectors:           | SMA Female                 |
| Power Supply Connectors: | Feed Through/Terminal Post |
| Mounting:                | 4-Φ2.2mm through-hole      |
| [1] Exclude connectors.  |                            |

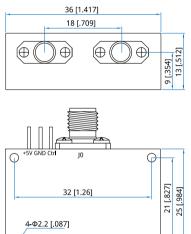
#### Environmental

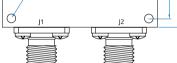
Operating Temperature: -40~+70°C Non-operating Temperature: -55~+85°C

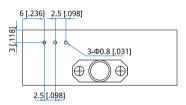
## **Control True Table**

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

## **Outline Drawings**







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

## How To Order QPS2-0.95-200-A

QP52-0.95-200-A

Customization is available upon request.