

QWSD-28-M01

DPDT, 26.5~40GHz, WR-28

Features:
 * Low VSWR
 * High Isolation
 * Low Insertion Loss

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

| | |
|----------------------|-------------|
| Frequency: | 26.5~40GHz |
| Insertion Loss: | 0.2dB max. |
| VSWR: | 1.12 max. |
| Isolation: | 60dB min. |
| Voltage: | 28V DC typ. |
| Voltage Pulse Width: | 80ms min. |
| Current: | 1.2A@28V DC |

Mechanical

| | |
|--------------------|-------------------------|
| Interface: | WR-28 |
| Control Interface: | Pin connecting terminal |
| Operation Life: | 0.1M Cycles |
| Switching Time: | 50mS |

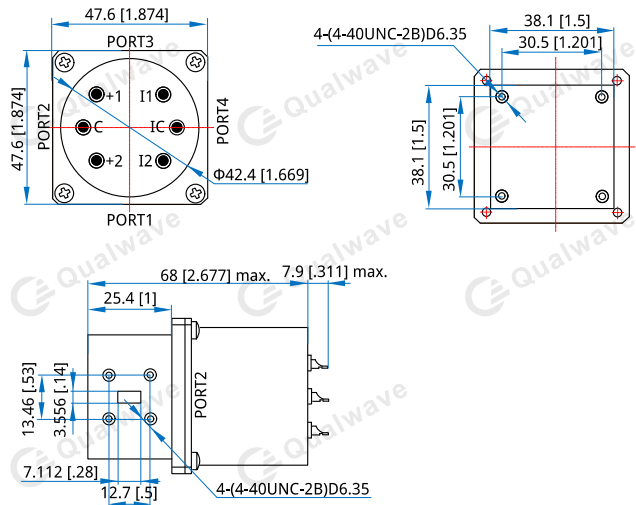
Environmental

| | |
|----------------------------|------------|
| Operating Temperature: | -40~+85°C |
| Extended Temperature: | -55~+85°C |
| Non-operating temperature: | -55~+105°C |

Control Logic

| Position | Control Interface Status | RF Working Condition | Indicator status |
|----------|--------------------------|----------------------|------------------|
| POS 1 | 1: 28V (+) | PORT1-PORT2 ON | I1-IC ON |
| | C: 28V (-) | PORT3-PORT4 ON; | I2-IC ON |
| | | PORT1-PORT4 OPEN | I2-IC OPEN |
| POS 2 | 2: 28V (+) | PORT2-PORT3 OPEN | I1-IC OPEN |
| | C: 28V (-) | PORT1-PORT4 ON | I2-IC ON |
| | | PORT2-PORT3 ON; | I2-IC ON |
| | | PORT1-PORT2 OPEN | I1-IC OPEN |
| | | PORT3-PORT4 OPEN | |

Outline Drawings



Unit: mm [in]
 Tolerance: ±0.5mm [±0.02in]

How To Order

QWSD-28-M01

Customization is available upon request.