

QWSD-430

DPDT, 1.72~2.61GHz, WR-430 (BJ22)

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

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency: 1.72~2.61GHz
 Insertion Loss: 0.05dB max.
 VSWR: 1.1 max.
 Isolation: 80dB min.
 Voltage: 27V±10%
 Current: 3A max.

Mechanical

Interface: WR-430 (BJ22)
 Flange: FDP22
 Control Interface: JY3112E10-6PN
 Switching Time: 500mS

Environmental

Operating Temperature: -40~+85°C
 Non-operating temperature: -50~+80°C

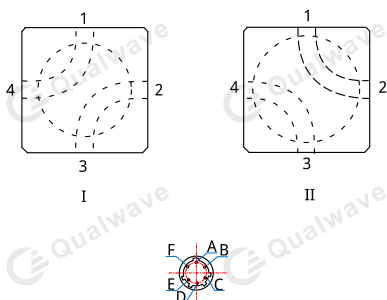
Pin Numbering

Pin	Function	Pin	Function
A	VDC	D	Connected to microswitch
B	GND	E	Connected to microswitch
C	VDC	F	Connected to microswitch

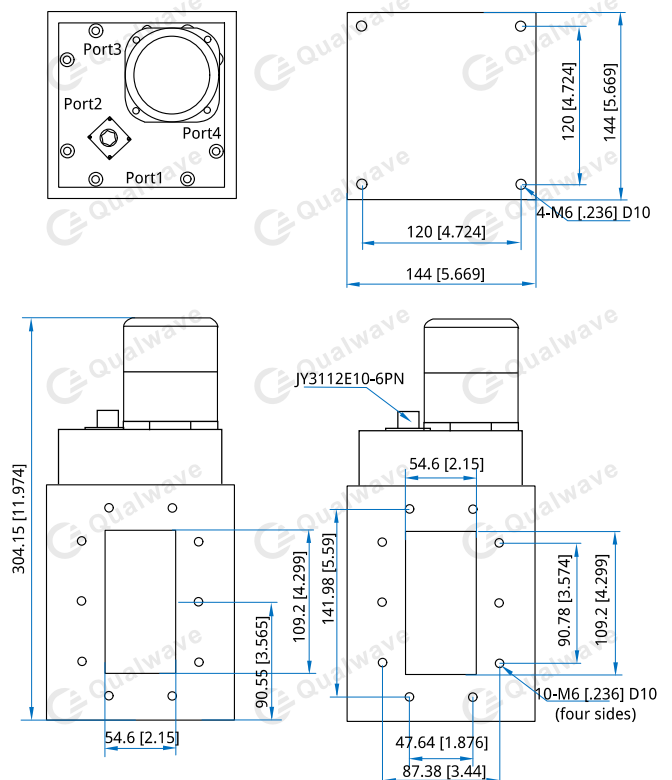
Control Logic

Position	A	B	C	RF Working Condition	Indicator status
POS 1	VDC	GND	NC	PORT1 - PORT4 ON PORT2 - PORT3 ON	E - D ON
POS 2	NC	GND	VDC	PORT1 - PORT2 ON PORT3 - PORT4 ON	E - F ON

Driving Schematic Diagram



Outline Drawings



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

Additional Options

Indicators: I

How To Order

QWSD-430-XYZ

X: Voltage. +27V: R.
 Y: Interface Circular Connector: 2.
 Z: Additional Options.

Examples:

To order a Waveguide Switch, DPDT, WR-430, +27V, specify QWSD-430-R2.

Customization is available upon request.