

FWSD-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 |

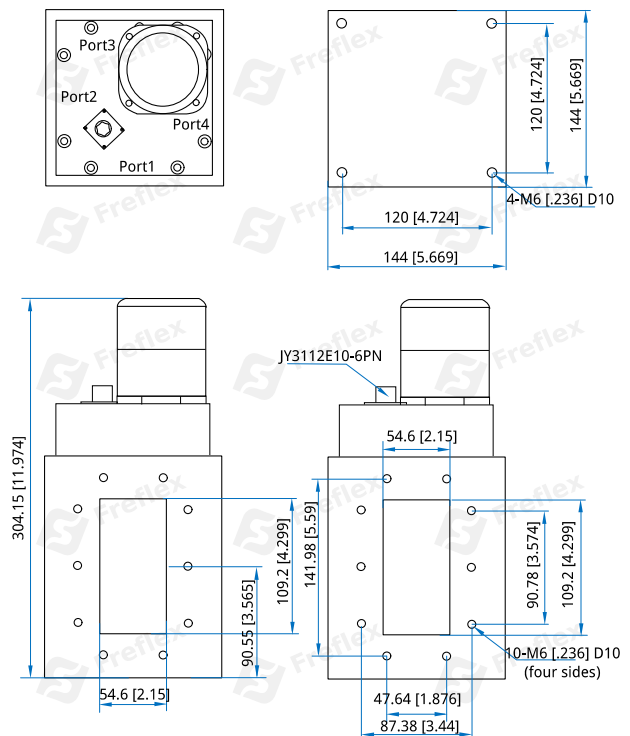
Pin Numbering

| 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 |

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Additional Options

Indicators: I

How To Order

FWSD-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 FWSD-430-R2.

Customization is available upon request.

Driving Schematic Diagram