

QWSD-D500

DPDT, 5~18GHz, WRD-500

- | | |
|--|---|
| Features:
* Low VSWR
* High Isolation
* Low Insertion Loss | Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar |
|--|---|

Electrical

Frequency:	5~18GHz
Insertion Loss:	0.35dB max.
VSWR:	1.2 max.
Isolation:	60dB min.
Voltage:	27V±10%
current:	3A max.

Mechanical

Interface:	WRD-500
Flange:	FPWRD500D36
Control Interface:	MS3112E10-6P
Switching Time:	120mS max.

Environmental

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

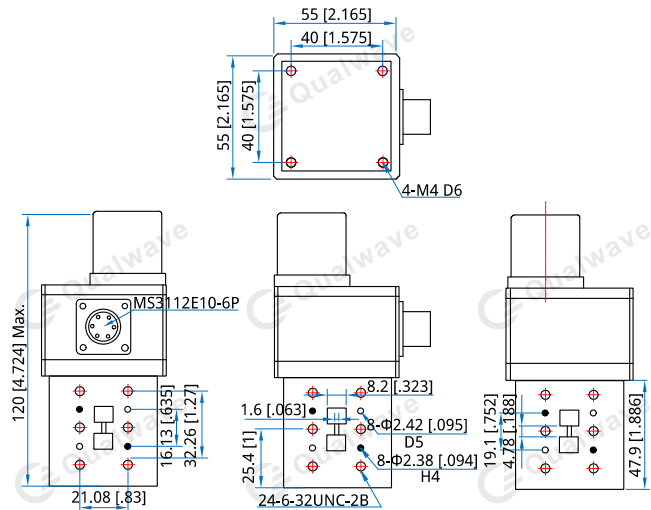
Pin Numbering

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	D-E 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

QWSD-D500-XYZ

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

Examples:

To order a Waveguide Switch, DPDT, WRD-500, +27V, specify QWSD-D500-R2.

Customization is available upon request.

Driving Schematic Diagram