

FWSD-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

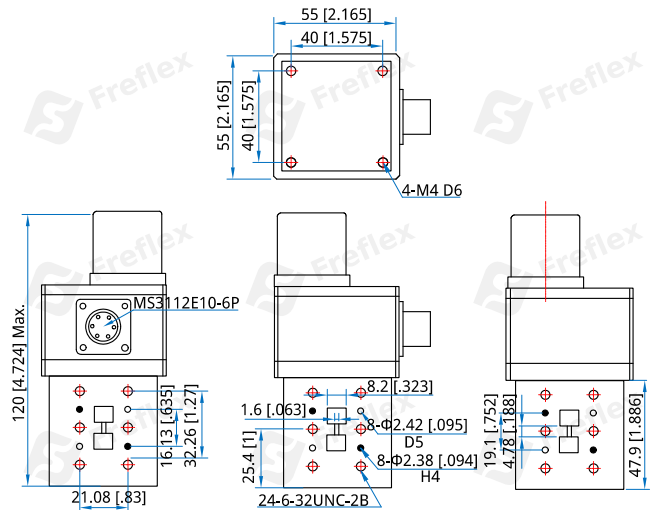
Pin Numbering

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

FWSD-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 FWSD-D500-R2.

Customization is available upon request.

Driving Schematic Diagram

