

# FWSD-D350

## DPDT, 3.5~8.2GHz, WRD-350

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

Applications:  
 \* Wireless  
 \* Transmitter  
 \* Laboratory Test  
 \* Radar

### Electrical

Frequency:	3.5~8.2GHz
Insertion Loss:	0.4dB max.
VSWR:	1.15 max.
Isolation:	50dB min.
Power:	1000W
Voltage:	24, 27V±10%
current:	0.5A max.

### Mechanical

Interface:	WRD-350
Flange:	FPWRD350
Control Interface:	JY3114E10-6PN
Switching Time:	120mS max.

### Environmental

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

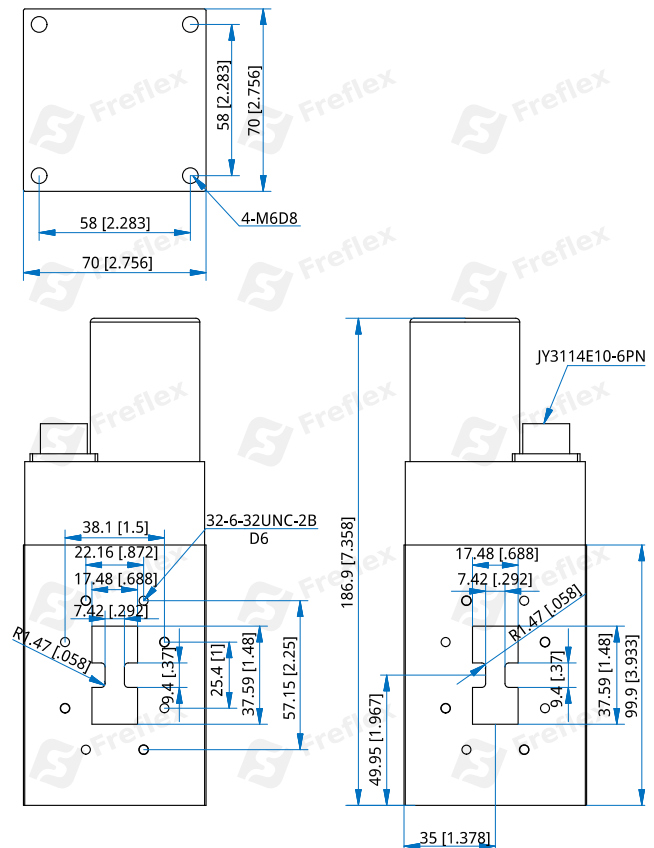
### Pin Numbering

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

### Control Logic

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

### Outline Drawings



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

### Additional Options

Indicators: I

### How To Order

#### FWSD-D350-XYZ

X: Voltage. +24V: K, +27V: R.

Y: Interface Circular connector: 2.

Z: Additional Options.

Examples:

To order a Waveguide Switch, DPDT, WRD-350, +24V, specify FWSD-D350-K2.

Customization is available upon request.

## Driving Schematic Diagram

