

FWSD-D650

DPDT, 6.5~18GHz, WRD-650

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

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency:	6.5~18GHz
Insertion Loss:	0.35dB max.
VSWR:	1.15 max.
Isolation:	65dB min.
Voltage:	27V±10%
current:	2.5A max.

Mechanical

Interface:	WRD-650
Flange:	FPWRD650
Control Interface:	MS3112E10-6P
Switching Time:	120mS max.

Environmental

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

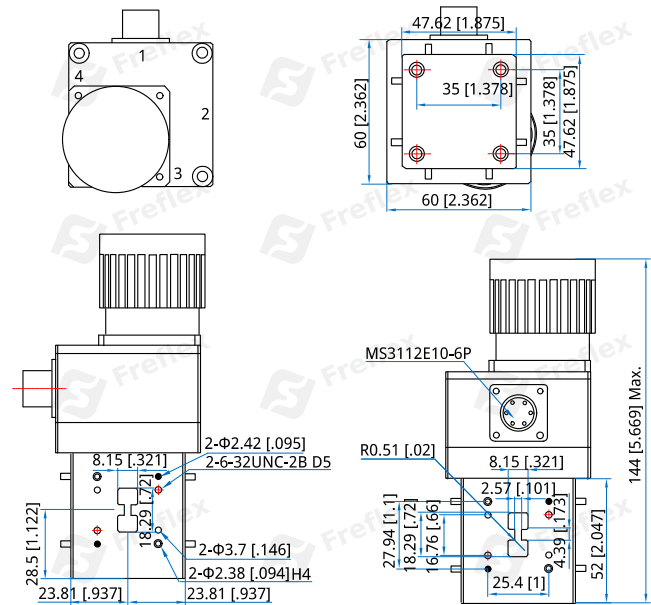
Pin Numbering

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-D650-XYZ

X: Voltage. +27V: R

Y: Interface Circular connector: 2.

Z: Additional Options.

Examples:

To order a Waveguide Switch, DPDT, WRD-650, +27V, specify FWSD-D650-R2.

Customization is available upon request.

Driving Schematic Diagram