

FWSD-D180

DPDT, 18~40GHz, WRD-180

Features:

- * Low VSWR
- * High Isolation
- * Low Insertion Loss

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

Frequency:	18~40GHz
Insertion Loss:	0.4dB max.
VSWR:	1.3 max.
Isolation:	50dB min.
Voltage:	27V±10%
current:	1.5A max.
Power:	1000W

Environmental

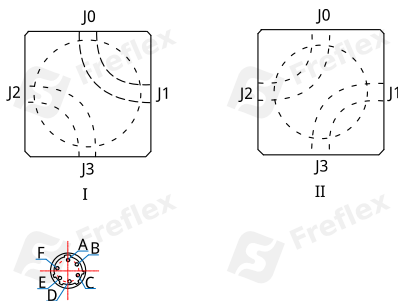
Operating Temperature:	-40~+85°C
Non-operating temperature:	-50~+80°C

Pin Numbering

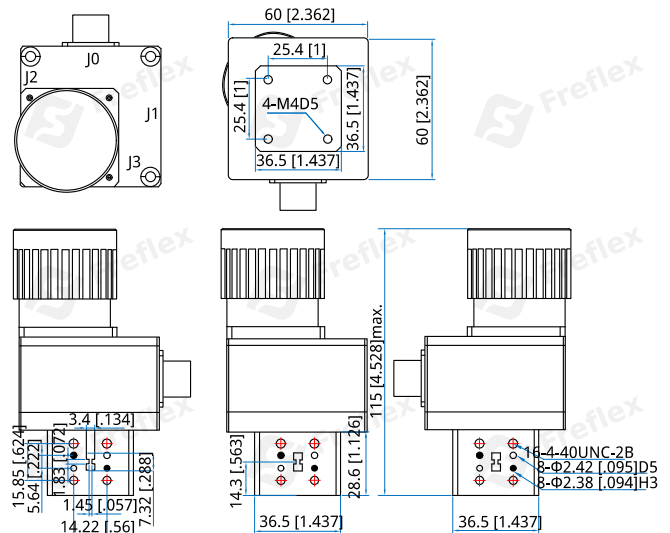
Pin	Function	Pin	Function
A	VDC	D	Connected to microswitch
B	GND	E	Connected to microswitch
C	VDC	F	Connected to microswitch

Control Logic

Position	A	B	C	RF Working Condition	Indicator status
POS 1	VDC	GND	NC	J0-J1 ON J2-J3 ON	D-E ON
POS 2	NC	GND	VDC	J0-J2 ON J1-J3 ON	E-F ON

Driving Schematic Diagram

Mechanical

Interface:	WRD-180
Flange:	FPWRD180
Control Interface:	JY3114E10-6PN
Switching Time:	120mS

Outline Drawings


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Additional Options

Indicators: I

How To Order
FWSD-D180-XYZ

X: Voltage. +27V: R

Y: Interface Circular connector: 2.

Z: Additional Options.

Examples:

To order a Waveguide Switch, DPDT, WRD-180, +27V, specify FWSD-D180-R2.

Customization is available upon request.