

Data Sheet

VES-SW-3349

WR229 W/G Rotary Transfer Switch

WR229 50Ω 3300-4900 MHz



Features

- 3.3 to 4.9 GHz SPDT Waveguide Switch
- 28 VDC Nominal Voltage
- Switch Type: SPDT
- -55°C to +65°C Operating Temperature

Applications

- Electric Warfare
- Microwave Radio
- Test Instrument
- Research and Development



Generic photo used for illustration purposes only

Switch Type:

Control Mode/Interface	Electric/Manual (JY3114E10-06PN)	Port Switching	SPDT
Voltage	24~28V	Current	≤2.5 A
Switching Speed	>60ms	Switch Lifetime	10,000 times

Electrical Specifications at 25° C

Parameter	Specification	Unit
Frequency Range	3300-4900	MHz
VSWR (Max)	≤1.1	:1
Insertion Loss	≤0.1	dB
Isolation	≥80dB	dB
Power Handling (Design Guarantee)	≥10 kW (CW)	W

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For detailed performance specs & Shopping online see Vietes web site: www.Vietes.vn

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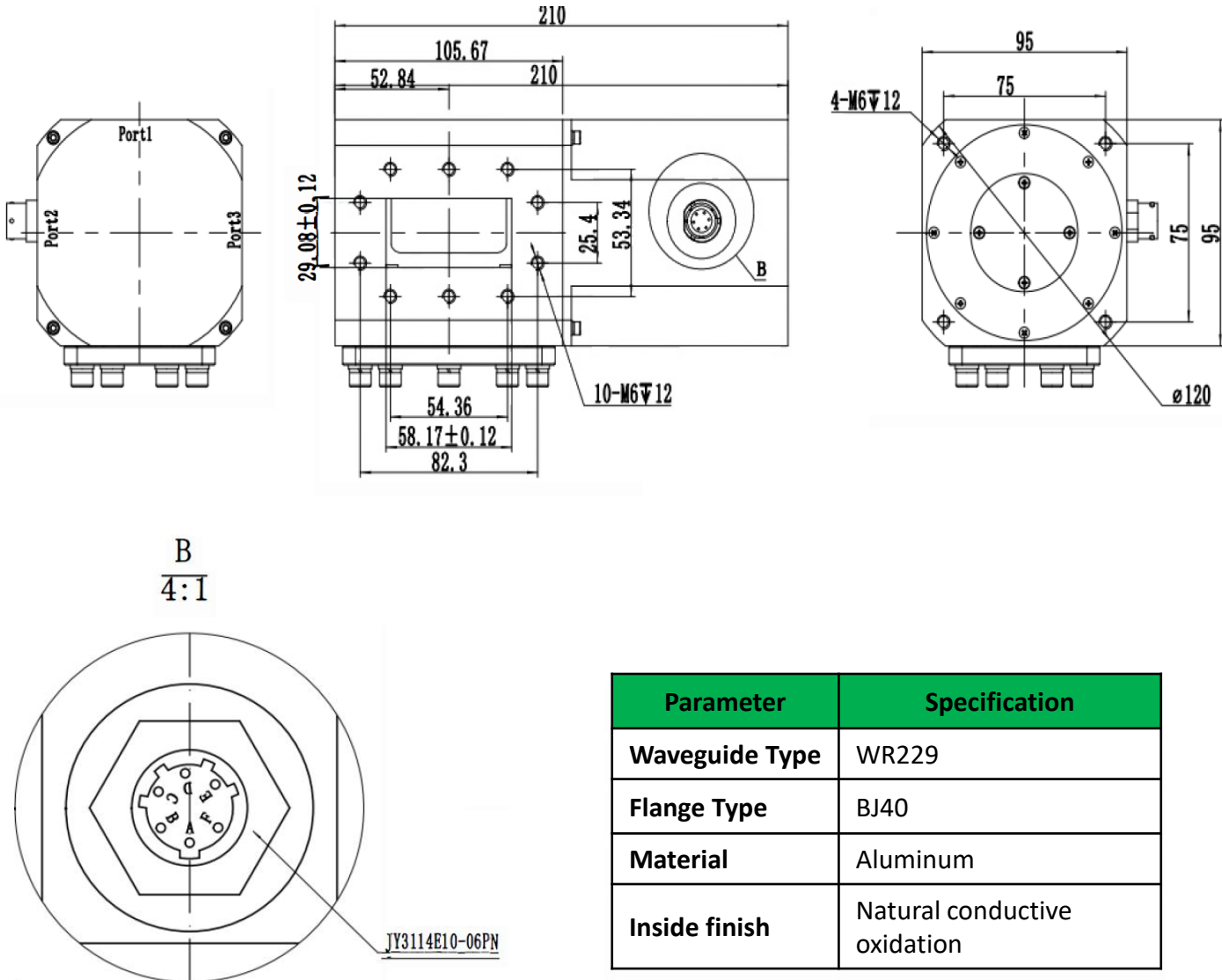
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Outline Drawing Dimensions (mm)



Parameter	Specification
Waveguide Type	WR229
Flange Type	BJ40
Material	Aluminum
Inside finish	Natural conductive oxidation

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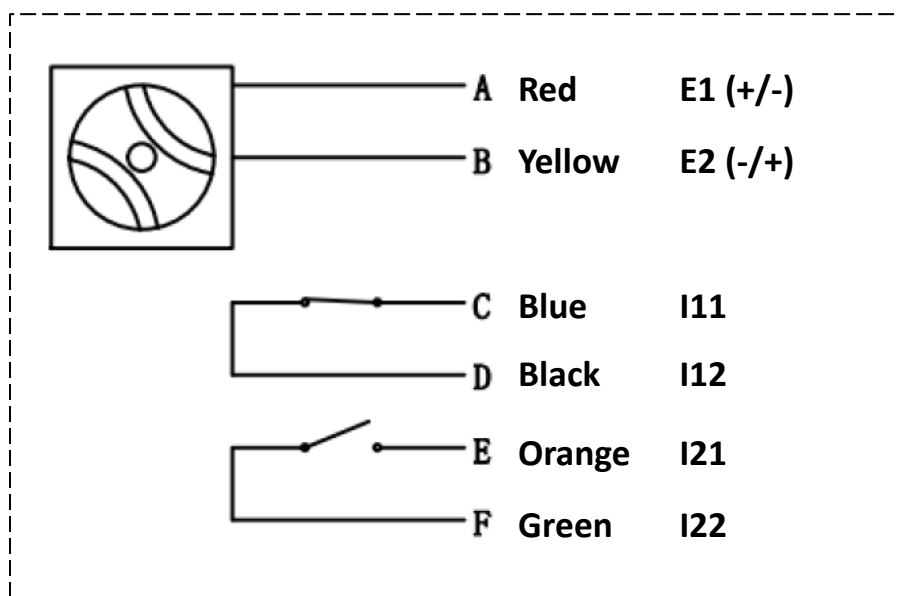
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Wiring Definition

Pin Definition	Funtion	Note
A	E1 (+/-)	Control input 1. Provides +28 V when active; E2 is grounded.
B	E2 (-/+)	Control input 2. Provides +28 V when active; E1 is grounded.
C	I11	Feedback contact 1. Closed with I12 when switch is ON.
D	I12	Feedback contact 1. Closed with I11 when switch is ON.
E	I21	Feedback contact 2. Closed with I22 when switch is ON.
F	I22	Feedback contact 2. Closed with I21 when switch is ON.

Port Status Diagram



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Contact us

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