FEATURES

Full waveguide band coverage

成都巨人微波

TITAN MICROWAVE INC.

A Professional RF & Microwave Components Supplier -

- DPDT Switch type
- Rugged design

APPLICATIONS

- Transmit-Receive system
- Electronic countermeasures system
- Commercial ground stations

Electrical Specifications

Operating Frequency	3.22~4.9 GHz
VSWR	1.1 max.
Insertion Loss	0.1 dB max
Isolation	70 dB min.
Switching Time	150 mSec max.
Current	2A max.
DC Power Supply	$+22V \sim +32V$
Control Connector	Y50X-0807

Mechanical Specifications

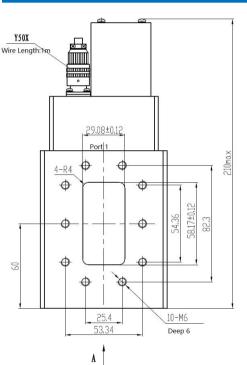
Waveguide Size	WR229
Flange	FDP40
Material	Aluminum
Inside Finish	Natural conductive oxidation
Outside Finish	Black paint on control part
Weight	About 3.5kg
Operating Temp.	$-40^{\circ}C \sim +70^{\circ}C$
Non Operating Temp.	$-55^{\circ}C \sim +85^{\circ}C$
Humidity	80%
Life	100,000 operations

Pin Configuration Pin Function Note 1 VCC1(24V) VCC1(POS.1) 2 GND 3 VCC2(POS.2) VCC2(24V) 4 J1 POS.1 :J1 and J2 conducting 5 J2 POS.2 :J2 and J3 conducting 6 J3



Waveguide Electromechanical Switch

Outline Drawings[mm]



A View

TMWES229

