

# Data Sheet

VES-CLT-54565

WAVEGUIDE CIRCULATOR

WR187 50Ω 5450-5650 MHz



## Features

- Low Insertion Loss, 0.3 dB typ.
- Excellent Frequency Selectivity
- Low VSWR, 1.15:1 Max.
- Broad Power Handling Capability
- Durability and Reliability

## Applications

- Wireless communication
- Satellite communication
- WLAN/Wimax
- ISM band instrument
- Information System for
- Automotive Safety



*Generic photo used for illustration purposes only*

## Electrical Specifications at 25° C

Parameter	Specification	Unit
<b>Electrical Specifications</b>		
Frequency Range	5450-5650	MHz
VSWR (Max)	1.15	:1
Insertion Loss (Max)	0.3	dB
Isolation (Min)	38	dB
Power Handling (Design Guarantee)	500 W (CW) 5KW (Peak power); Pulse width 100μs	W
Operation temperature	-20 ~ +70 °C	°C
Storage Temperature	-10°C ~ +50°C Relative humidity ≤80%	°C

**Viet Electronic technology solutions (VIETES Co., Ltd)**

For detailed performance specs & Shopping online see Vietes web site: [www.Vietes.vn](http://www.Vietes.vn)

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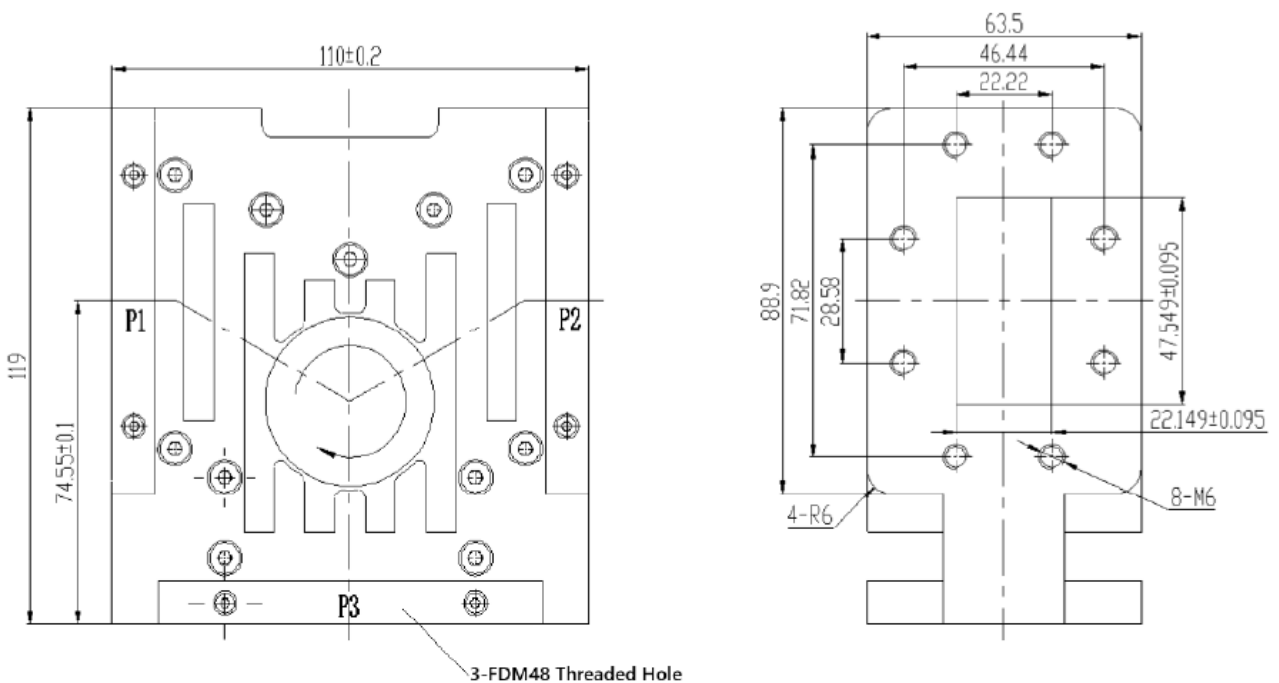
WR187 50Ω 5450-5650 MHz



## Mechanical Specifications

Parameter	Specification
Waveguide Type	WR187
Flange Type	FDM48/CPR187G (Grooved)
Material	Aluminum
Inside finish	Chromate conversion
Outside finish	Anticorrosion Grey paint

## Outline Drawing Dimensions (mm)



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## Contact us

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