Suzhou Talent Microwave,Inc
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Coaxial Circulator

2.4mm Female/5W

Model: TLC45G50G

The TLC45G50G is a coaxial circulator designed to operate from 45GHz to 50GHz. The coaxial circulator offers minimum 13 dB isolation and 1.7:1 maximum VSWR. The input and output port configuration offers coax adapter structure with 2.4mm female.

Features:

- Operating Frequency 45 to 50GHz
- Low Insertion Loss
- Moderate Isolation
- Compact Configuration

Applications:

- Port Isolation
- Module Integration

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	45		50	GHz
Insertion Loss			1.2	dB
Isolation	13			dB
VSWR			1.7	:1
Power Handling	5			W
Impedance	50			Ohms

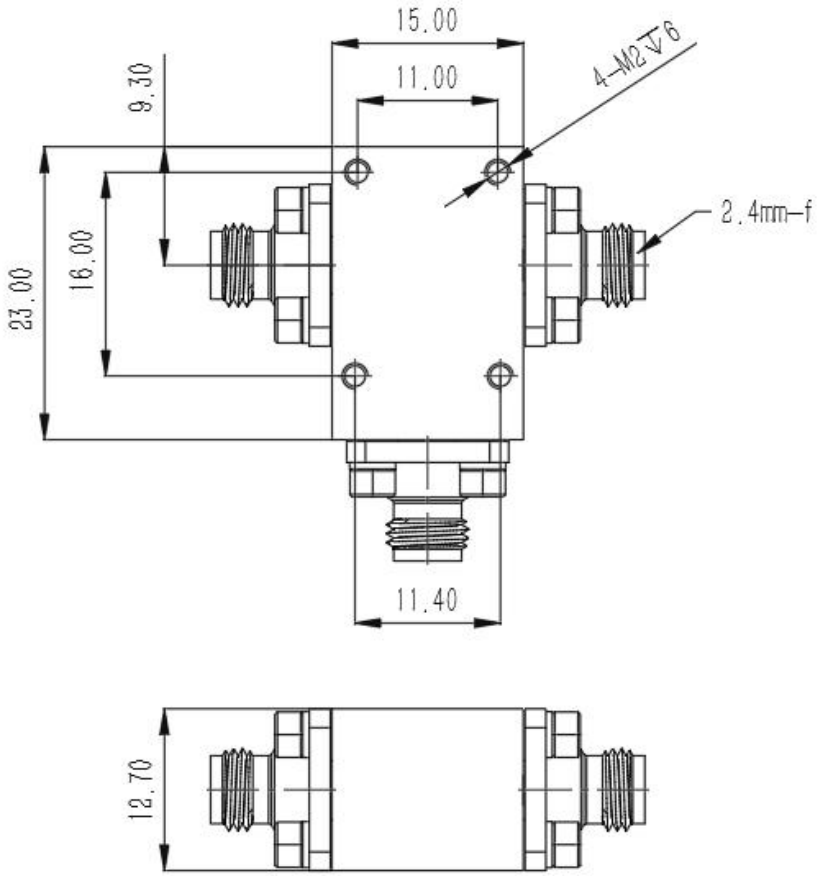
Envrionmental And Physical Characteristics:

Parameter	Value	Units
Operating Temerature	-40 To +70	℃
Material	Aluminium	
Finish	True color conductive oxidation	
Connectors	2.4mm Female	
Size	15*23*12.7	mm

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Outline Drawing:

Unit:mm; Tolerance:±0.1mm



ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLC45G50G	Coaxial Circulator, 45-50GHz, Insertion loss: 1.2dB, Port Isolation: 13dB	Rev.1.0