泰莱微波
Talent Microwave

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Coaxial Circulator

2.92mm Female/2W

Model: TLC18G26.5G

The TLC18G26.5G is a coaxial circulator designed to operate from 18GHz to 26.5GHz. The coaxial circulator offers minimum 18 dB isolation and 1.3:1 maximum VSWR. The input and output port configuration offers coax adapter structure with 2.92mm female.

Features:

- Operating Frequency 18 to 26.5GHz
- Low Insertion Loss
- Moderate Isolation
- Compact Configuration

Applications:

- Port Isolation
- Module Integration

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	18		26.5	GHz
Insertion Loss@25℃			0.6	dB
Insertion Loss@-30~+70℃			0.8	dB
Isolation@25℃	18			dB
Isolation@-30~+70℃	16			dB
VSWR@25℃			1.3	:1
VSWR@-30~+70℃			1.4	:1
Power Handling	CW: 2W			W
Direction	Clockwise: 1→2→3			
Impedance	50			Ohms

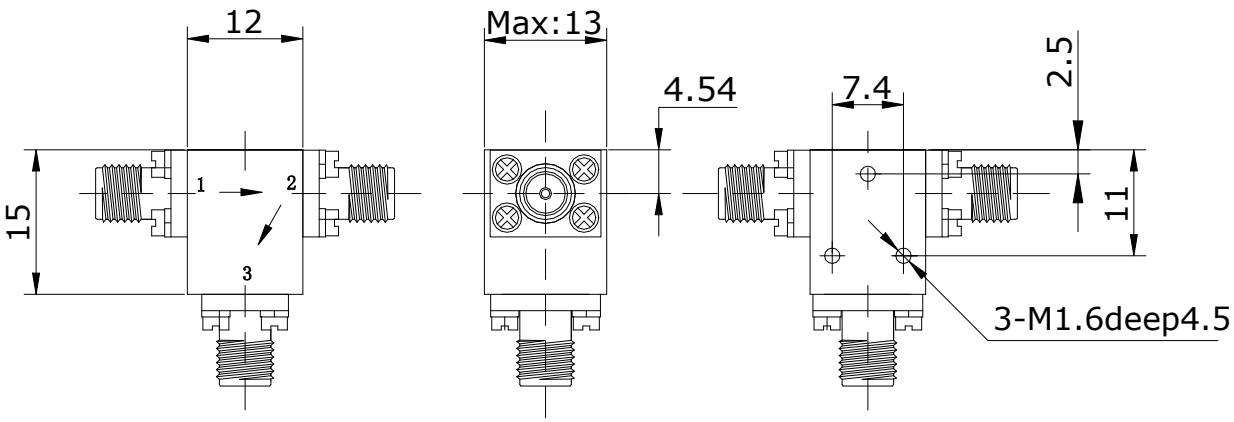
Envrionmental And Physical Characteristics:

Parameter	Value	Units
Body Material	Nickel plated brass	
External Body Material	Nickel plated iron	
Connectors	2.92mm Female	
Size	12*15*13	mm
Weight	24	g

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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
TLC18G26.5G	Coaxial Circulator, 18-26.5GHz, Insertion loss: 0.6dB, Port Isolation: 18dB	Rev.1.0