泰莱微波 Talent Microwave

Suzhou Talent Microwave,Inc
sales@talentmw.com
www.talentmw.com

Coaxial Circulator

2.92mm Female/2W

Model: TLC17G31G

The TLC17G31G is a coaxial circulator designed to operate from 17GHz to 31GHz. The coaxial circulator offers minimum 14 dB isolation and 1.6:1 maximum VSWR. The input and output port configuration offers coax adapter structure with 2.92mm female.

Features:

- Operating Frequency 17 to 31GHz
- Low Insertion Loss
- Moderate Isolation
- Compact Configuration

Applications:

- Port Isolation
- Module Integration

电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	17		31	GHz
插损 Insertion Loss@25℃			1.1	dB
插损 Insertion Loss@-30~+70℃			1.2	dB
隔离度 Isolation@25℃	14			dB
隔离度 Isolation@-30~+70℃	12			dB
驻波 VSWR@25℃			1.6	:1
驻波 VSWR@-30~+70℃			1.7	:1
耐功率 Power Handling	CW: 2W			W
方向 Direction	Clockwise: 1→2→3			
阻抗 Impedance	50			Ohms

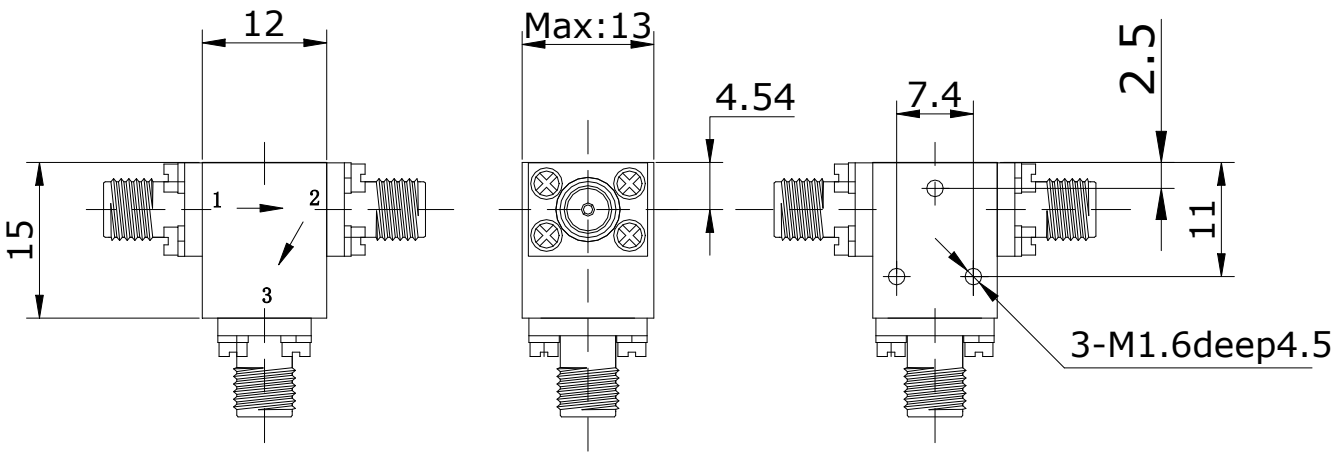
环境和机械特性 Envrionmental And Physical Characteristics:

参数 Parameter	指标 Value	单位 Units
操作温度 Operating Temerature	-30 To +70	℃
接口 Connectors	2.92mm Female	
尺寸 Size	12*15*13	mm

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外形图 Outline Drawing:

Unit:mm; Tolerance:±0.1mm



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

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLC17G31G	Coaxial Circulator, 17-31GHz, Insertion loss: 1.1dB, Port Isolation: 14dB	Rev.1.0