泰莱微波 Talent Microwave

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

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

电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	45		50	GHz
插损 Insertion Loss			1.2	dB
隔离度 Isolation	13			dB
驻波 VSWR			1.7	:1
耐功率 Power Handling	5			W
阻抗 Impedance	50			Ohms

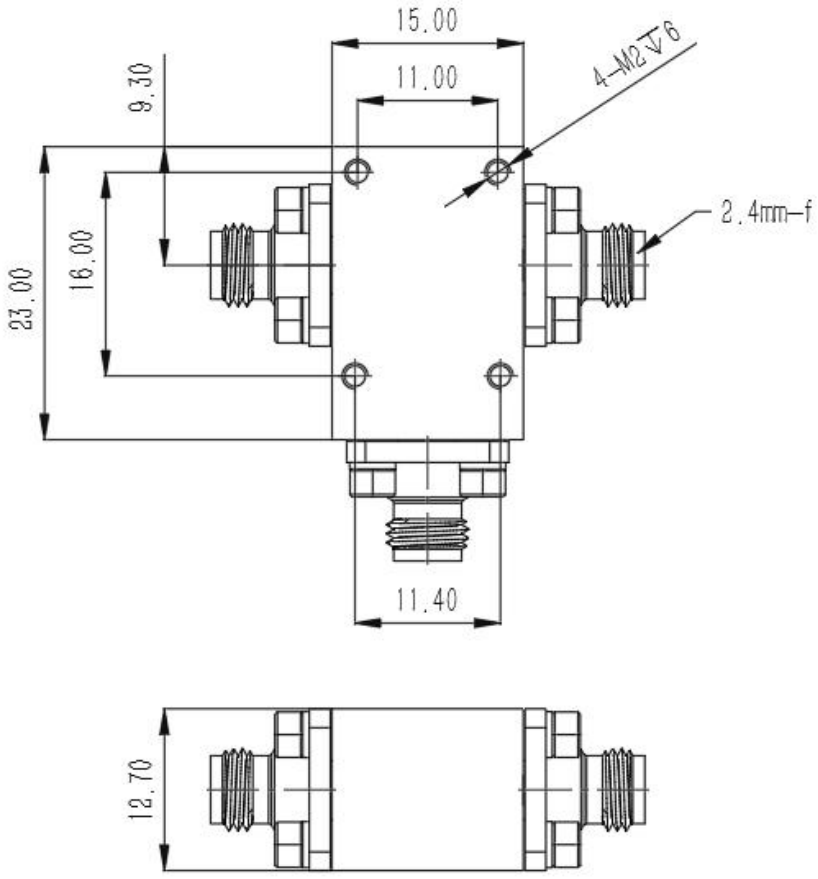
环境和机械特性 Envrionmental And Physical Characteristics:

参数 Parameter	指标 Value	单位 Units
操作温度 Operating Temerature	-40 To +70	℃
材质 Material	Aluminium	
表面处理 Finish	True color conductive oxidation	
接口 Connectors	2.4mm Female	
尺寸 Size	15*23*12.7	mm

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

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