泰莱微波 Talent Microwave

Suzhou Talent Microwave,Inc
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Coaxial Circulator

SMA Female/250W

Model: TLC8G18G

The TLC8G18G is a coaxial circulator designed to operate from 8GHz to 18GHz. The coaxial circulator offers minimum 16 dB isolation and 1.5:1 maximum VSWR. The input and output port configuration offers coax adapter structure with SMA female.

Features:

- Operating Frequency 8 to 18GHz
- 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	8		18	GHz
插损 Insertion Loss@25℃			0.8	dB
插损 Insertion Loss@-30~+70℃			0.9	dB
隔离度 Isolation@25℃	16			dB
隔离度 Isolation@-30~+70℃	14			dB
驻波 VSWR@25℃			1.5	:1
驻波 VSWR@-30~+70℃			1.6	:1
耐功率 Power Handling	Average: 25W			W
方向 Direction	Clockwise: 1→2→3			
阻抗 Impedance	50			Ohms

环境和机械特性 Envrionmental And Physical Characteristics:

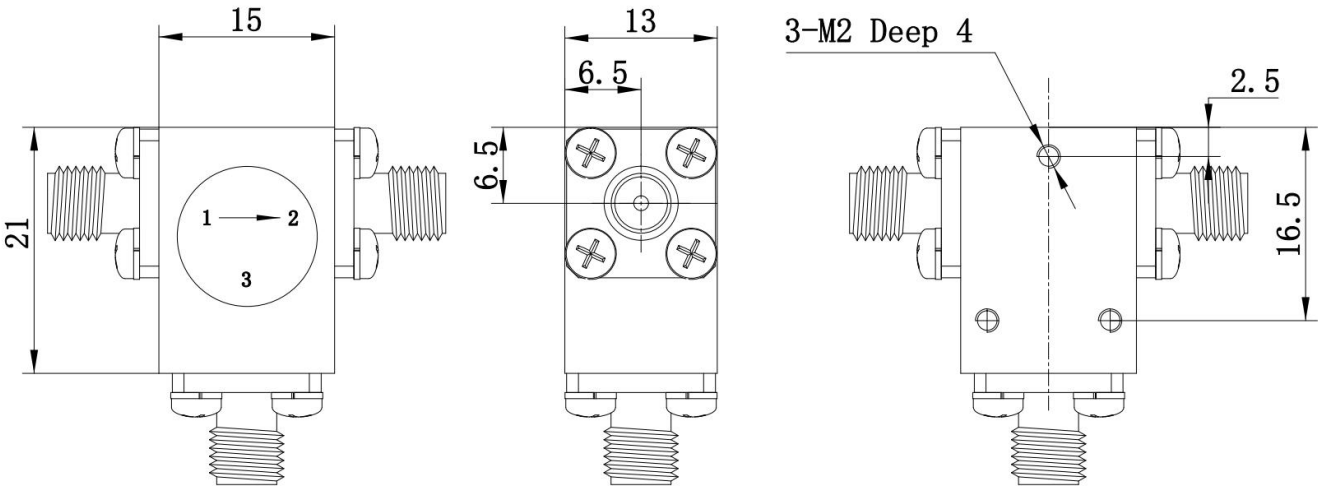
参数 Parameter	指标 Value	单位 Units
操作温度 Operating Temerature	-30 To +70	℃
接口 Connectors	SMA Female	
尺寸 Size	15*21*13	mm

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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
TLC8G18G	Coaxial Circulator, 8-18GHz, Insertion loss: 0.8dB, Port Isolation: 16dB	Rev.1.0