

Coaxial Band-pass Filter

34.75-36.25GHz/ 2.92 Female

Model: TLBF-35G5-1G5-A

TLBF-35G5-1G5-A is a coaxial band-pass filter with a passband frequency from 34.75 to 36.25GHz and a rejection frequencies @33.5 and 37.5 GHz. The nominal insertion loss of the filter is 2.0 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 34.75 to 36.25GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

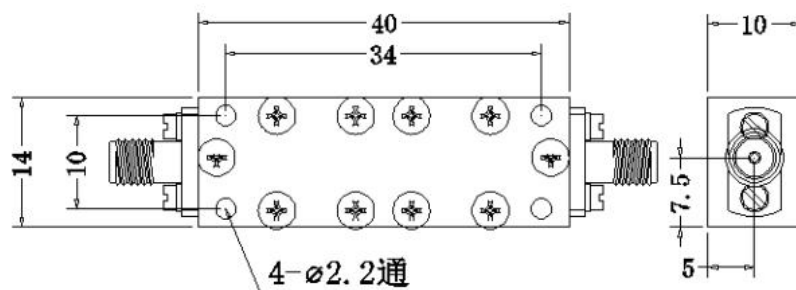
电气特性 Electrical Characteristics:

参数 Parameter		Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range		34.75		36.25	GHz
通带插损 Passband Insertion Loss				2.0	dB
带内纹波 Pass Band Ripple				1.6	dB
带外抑制 Rejection	@33.5GHz	50			dB
	@37.5GHz	50			
耐受功率 Power Handling				20	W
输入驻波 Input VSWR				1.8	:1
输出驻波 Output VSWR				1.8	:1
阻抗 Impedance		50			Ohms

环境和机械特性 Envirionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temperature	-40 To +70	℃
存储温度 Storage Temperature	-40 to +70	℃
接口 Connectors	2.92 Female	

外形图 Outline Drawing: Unit:mm;

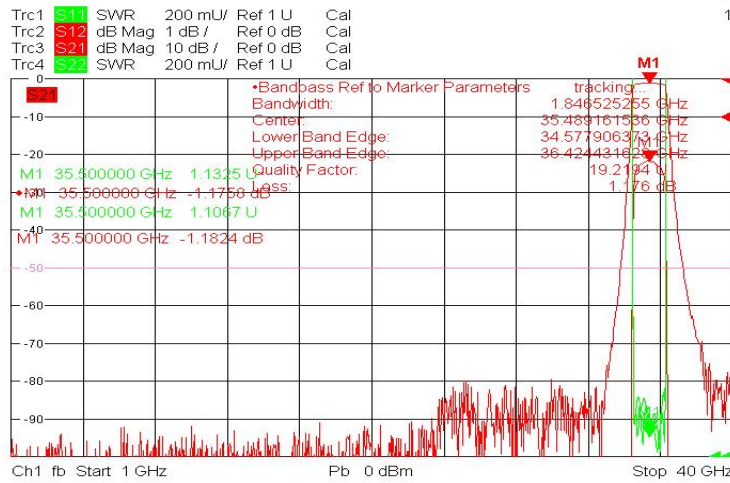


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLBF-35G5-1G5-A	Coaxial Band-pass Filter, Passband frequency range: 34.75 to 36.25GHz, Passband Insertion Loss: 2.0dB, 2.92 Female	Rev.1.0

典型曲线 Typical Performance Data:



Frequency(GHz)

Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.