

Coaxial Band-pass Filter

33.5-35GHz/ 2.92 Female

Model: TLBF-33G5-35G-A

TLBF-33G5-35G-A is a coaxial band-pass filter with a passband frequency from 33.5 to 35 GHz and a rejection frequencies @ 31.75 and 36.75 GHz. The nominal insertion loss of the filter is 1.8 dB and the typical rejection is 60 dB.

Features:

- Passband Frequency Range 33.5 to 35GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

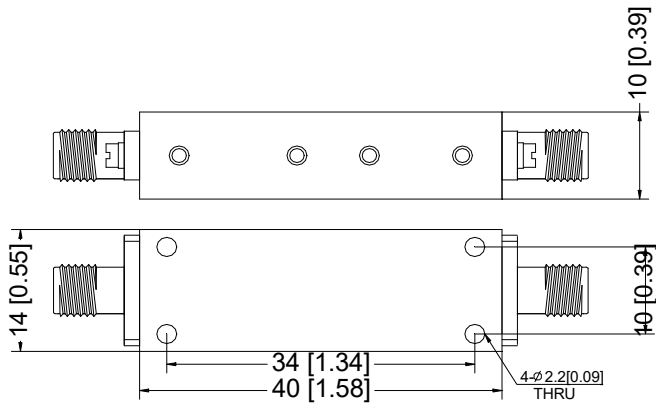
电气特性 Electrical Characteristics:

参数 Parameter		Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range		33.5		35	GHz
通带插损 Passband Insertion Loss				1.8	dB
带内纹波 Pass Band Ripple				1.6	dB
带外抑制 Rejection	@31.75GHz	60			dB
	@36.75GHz	60			
耐受功率 Power Handling				15	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 Temerature	-40 To +70	℃
存储温度 Storage Temerature	-40 to +70	℃
接口 Connectors	2.92 Female	

外形图 Outline Drawing: Unit:mm

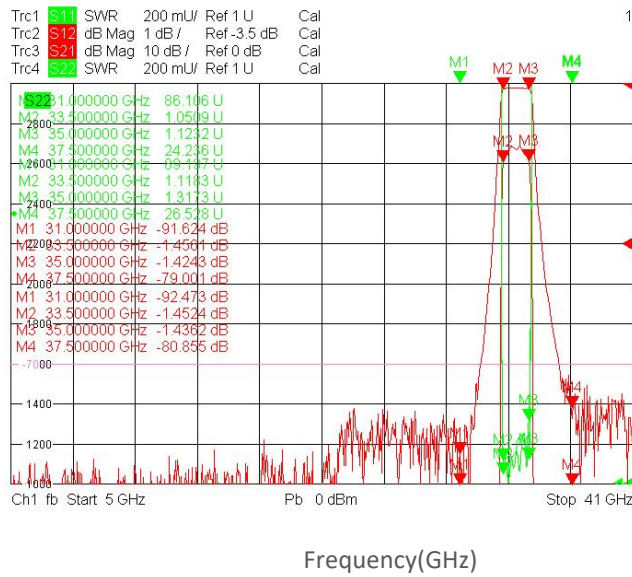


ESD Protection: Strictly
adhere to ESD precautions
to prevent electrostatic
damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLBF-33G5-35G-A	Coaxial Band-pass Filter, Passband frequency range: 33.5 to 35GHz, Passband Insertion Loss: 1.5dB, 2.92 Female	Rev.1.0

典型曲线 Typical Performance Data:



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.