

Coaxial Band-pass Filter

33.75-36.25GHz/ 2.92 Female

Model: TLBF-35G-2G5-A2

TLBF-35G-2G5-A2 is a coaxial band-pass filter with a passband frequency from 33.75 to 36.25 GHz and a rejection frequencies @32 and 38 GHz. The nominal insertion loss of the filter is 1.2 dB and the typical rejection is 70 dB.

Features:

- Passband Frequency Range 33.75 to 36.25 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

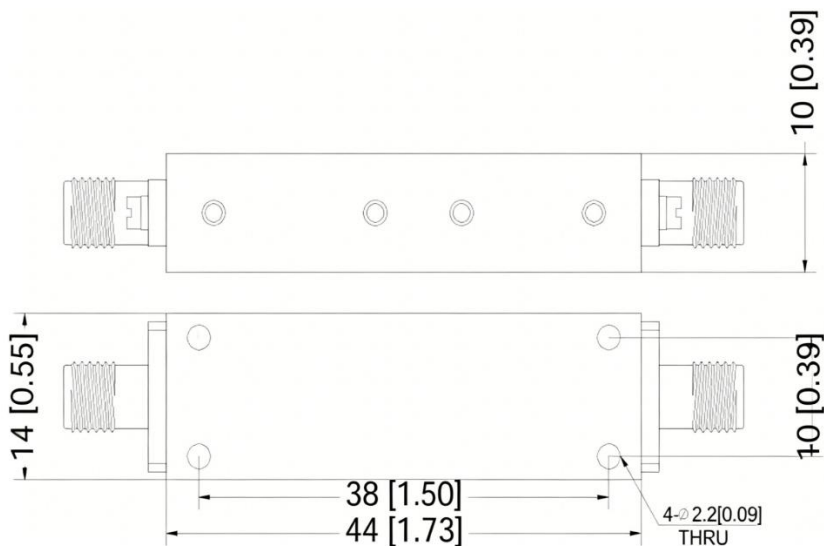
电气特性 Electrical Characteristics:

参数 Parameter		Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range		33.75		36.25	GHz
通带插损 Passband Insertion Loss				1.2	dB
带内纹波 Pass Band Ripple				1.0	dB
带外抑制 Rejection	@32GHz	70			dB
	@38GHz	70			
耐受功率 Power Handling				30	W
输入驻波 Input VSWR				1.5	:1
输出驻波 Output VSWR				1.5	:1
阻抗 Impedance		50			Ohms

环境和机械特性 Envrionmental 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;

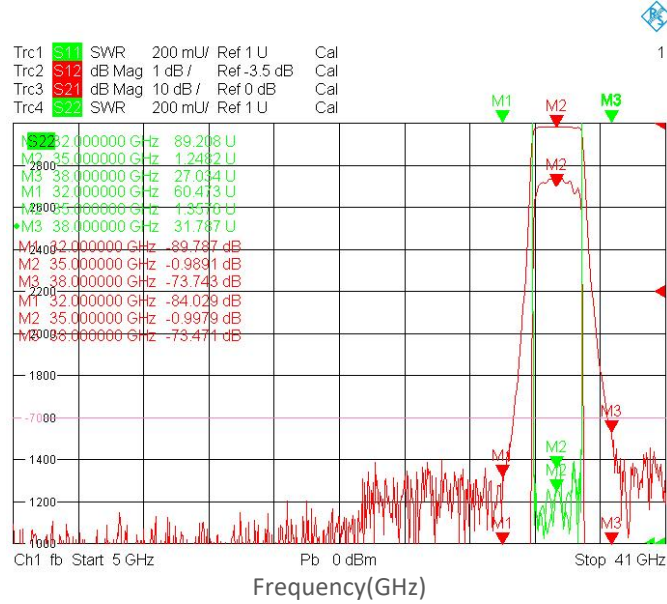


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLBF-35G-2G5-A2	Coaxial Band-pass Filter, Passband frequency range: 33.75 to 36.25 GHz, Passband Insertion Loss: 1.2dB, 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.