

Coaxial Band-pass Filter

39.5-40.5GHz/ 2.92 Female

Model: TLBF-40G-1G-A

TLBF-40G-1G-A is a coaxial band-pass filter with a passband frequency from 39.5 to 40.5GHz and a rejection frequencies @37 and 43 GHz. The nominal insertion loss of the filter is 1.8 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 39.5 to 40.5GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

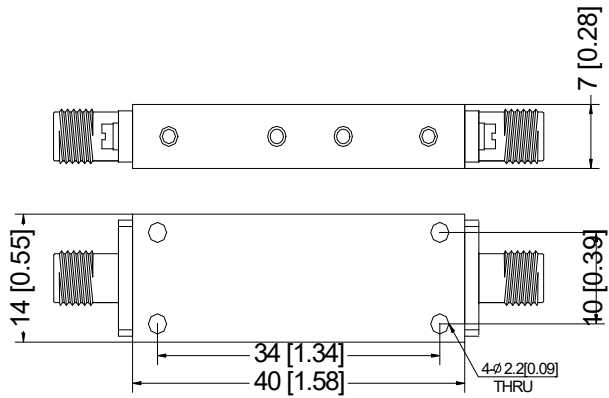
电气特性 Electrical Characteristics:

参数 Parameter		Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range		39.5		40.5	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	@37GHz	40			dB
	@43GHz	40			
耐受功率 Power Handling				15	W
输入驻波 Input VSWR				2.0	:1
输出驻波 Output VSWR				2.0	: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;

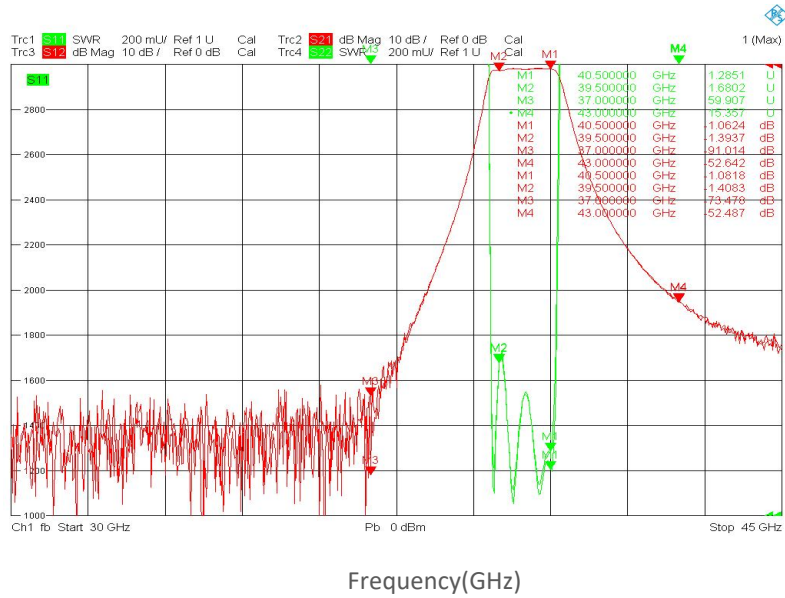


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLBF-40G-1G-A	Coaxial Band-pass Filter, Passband frequency range: 39.5 to 40.5 GHz, Passband Insertion Loss: 1.8 dB, 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.