

Coaxial Band-pass Filter

2.55-4.95GHz/ SMA Female

Model: TLBF-2G55-4G95-S

TLBF-2G55-4G95-S is a coaxial band-pass filter with a passband frequency from 2.55 to 4.95 GHz and a rejection frequencies from 0 to 1.95GHz and 5.1 to 26GHz. The nominal insertion loss of the filter is 2dB and the typical rejection is 55 dB.

Features:

- Passband Frequency Range: 2.55 to 4.95 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

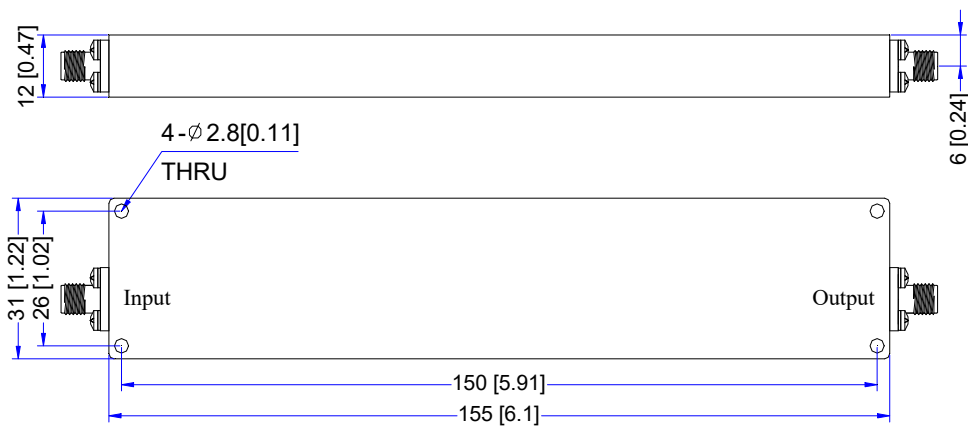
电气特性 Electrical Characteristics:

参数 Parameter		Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range		2.55		4.95	GHz
通带插损 Passband Insertion Loss			1.5	2	dB
带内纹波 Pass Band Ripple			0.8	1.5	dB
带外抑制 Rejection	@DC-1.95GHz	55			dB
	@5.1-26GHz	45			
耐受功率 Power Handling			10		W
输入驻波 Input VSWR			1.6	2	:1
输出驻波 Output VSWR			1.6	2	: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 Temerature	-40 To +70	℃
存储温度 Storage Temerature	-50 To +80	℃
接口 Connectors	SMA Female	

外形图 Outline Drawing: Unit:mm;

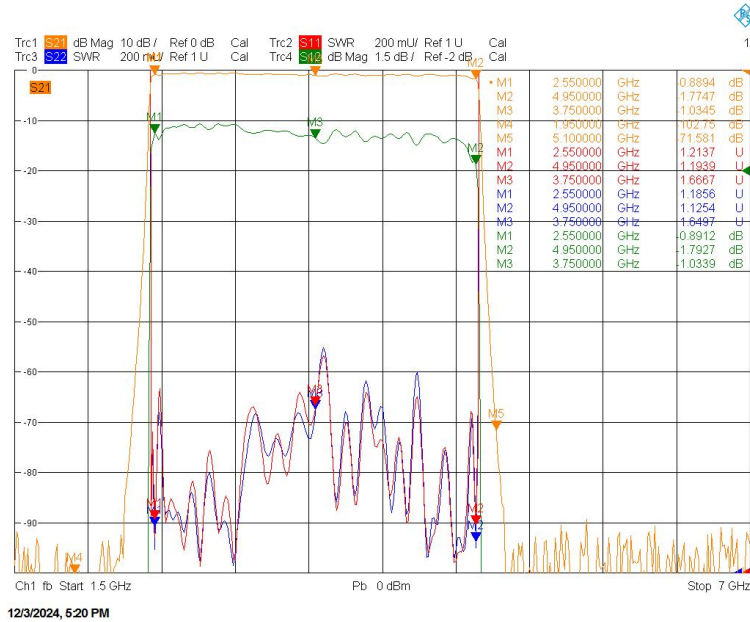


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLBF-2G55-4G95-S	Coaxial Band-pass Filter, Passband frequency range: 2.55 to 4.95GHz , Passband Insertion Loss: 2dB, SMA 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.