

Coaxial Band-pass Filter

9.5-10.5 GHz/SMA Female

Model: TBF-10000-1000-C5

TBF-10000-1000-C5 is a coaxial band-pass filter with a passband frequency from 9.5 to 10.5 GHz and a rejection frequencies from 7.5 GHz to 12.5 GHz. The maximum insertion loss of the filter is 1.0 dB and the typical rejection is 45 dB.

Features:

- Passband Frequency Range 9.5 to 10.5 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

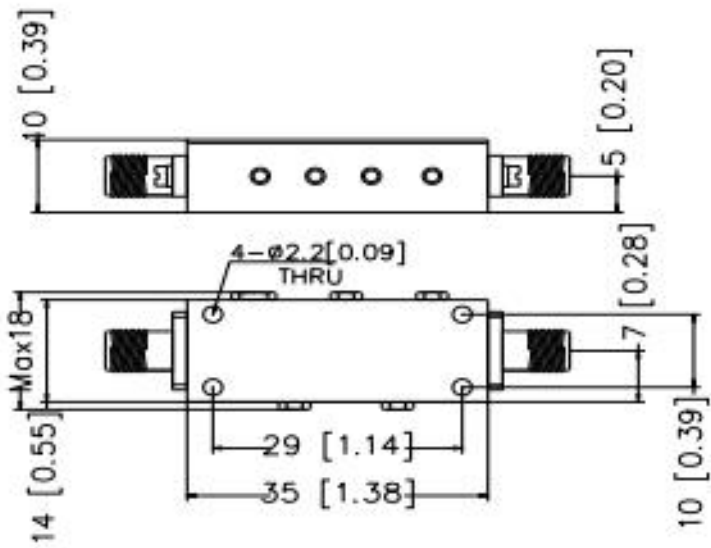
Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Passband Frequency range	9.5		10.5	GHz
Band Width			1	GHz
Passband Insertion Loss			1.0	dB
Pass Band Ripple			1.0	dB
Rejection	>45dB@f0(中心)±2.5Ghz			
Power Handling			20	W
VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA-Female	

Outline Drawing: Unit:mm

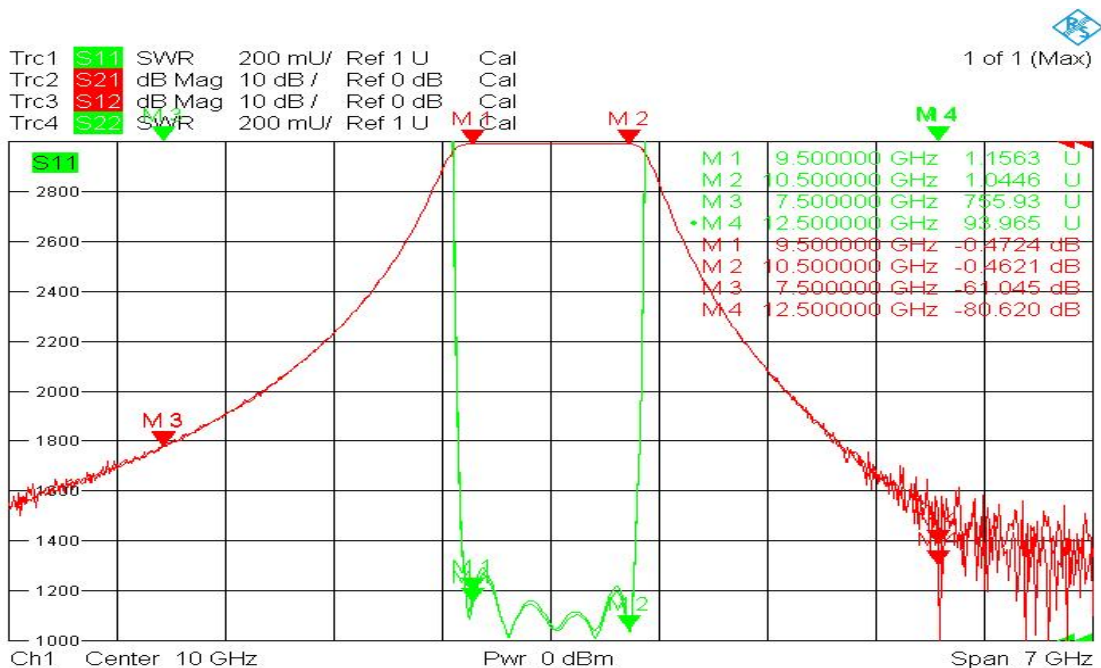


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TBF-10000-1000-C5	Coaxial Band-pass Filter, Passband frequency range: 9.5-10.5GHz, Passband Insertion Loss: 1.0dB, SMA Female	Rev.1.0

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.