

Coaxial Band-pass Filter

26-30GHz/ 2.92-Female/0.38

Model: TLBF-24G5-27G5-E

TLBF-24G5-27G5-E is a coaxial band-pass filter with a passband frequency from 24.5 to 27.5GHz and a rejection frequencies from 0 to 23.5GHz and 28.5GHz. The nominal insertion loss of the filter is 0.8 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 24.5 to 27.5GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

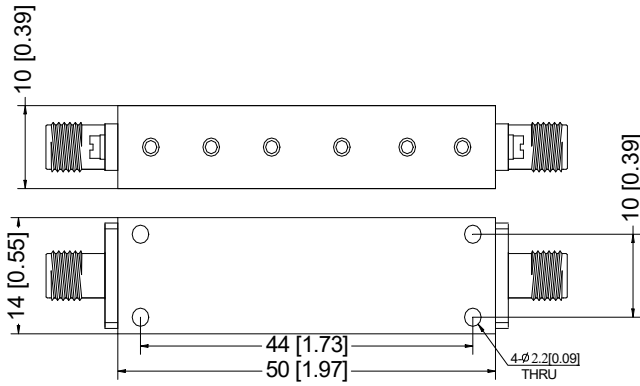
Parameter	Min	Typ	Max	Units
Passband Frequency range	24.5		27.5	GHz
Passband Insertion Loss			0.8	dB
Pass Band Ripple			0.7	dB
Rejection	>50dB@dc-23.5Ghz >30dB@28.5Ghz			dB
Power Handling			20	W
Input VSWR			1.5	:1
Output VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Storage Temperature	-40 to +70	°C
Connectors	2.92-Female/0.38	

Outline Drawing:

Unit:mm;

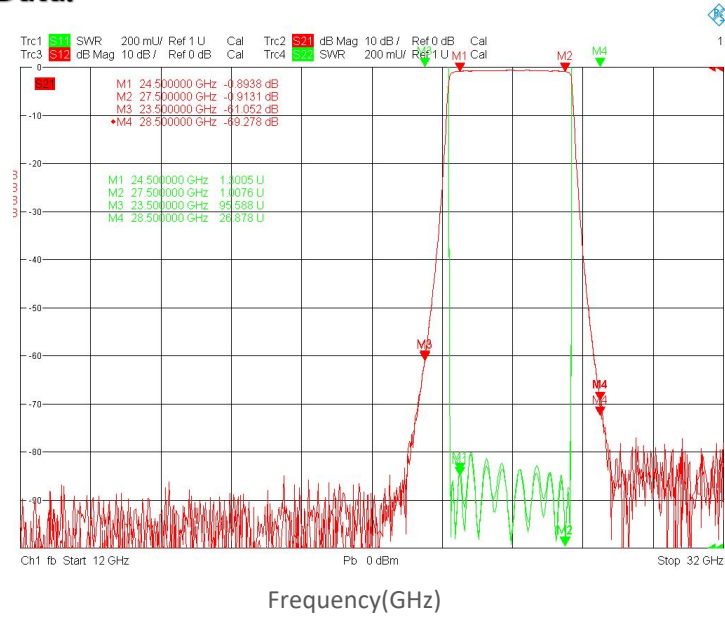


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-24G5-27G5-E	Coaxial Band-pass Filter, Passband frequency range: 24.5 to 27.5GHz, Passband Insertion Loss: 0.8dB, 2.92 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.