

Coaxial Band-pass Filter

8.9-10.2 GHz/SMA Female

Model: TLBF-8G9-10G02-E

TLBF-8G9-10G02-E is a coaxial band-pass filter with a passband frequency from 8.9 to 10.2 GHz and a rejection >50dB@7600&12700 Mhz and >30dB@6700&11500 Mhz . The maximum insertion loss of the filter is 0.8 dB.

Features:

- Passband Frequency Range 8.9 to 10.2 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

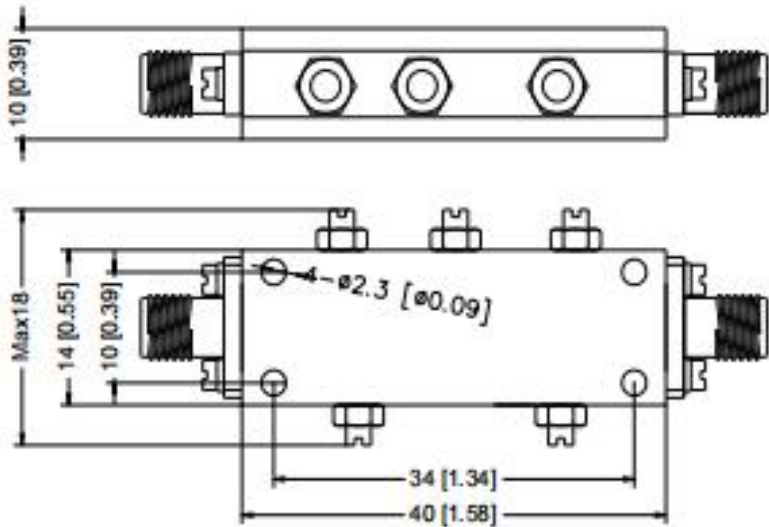
Parameter	Min	Typ	Max	Units
Passband Frequency range	8.9		10.2	GHz
Band Width			1.3	GHz
Passband Insertion Loss			0.8	dB
Pass Band Ripple			0.6	dB
Rejection	>50dB@7600&12700 Mhz >30dB@6700&11500 Mhz			dB
Power Handling			15	W
VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm

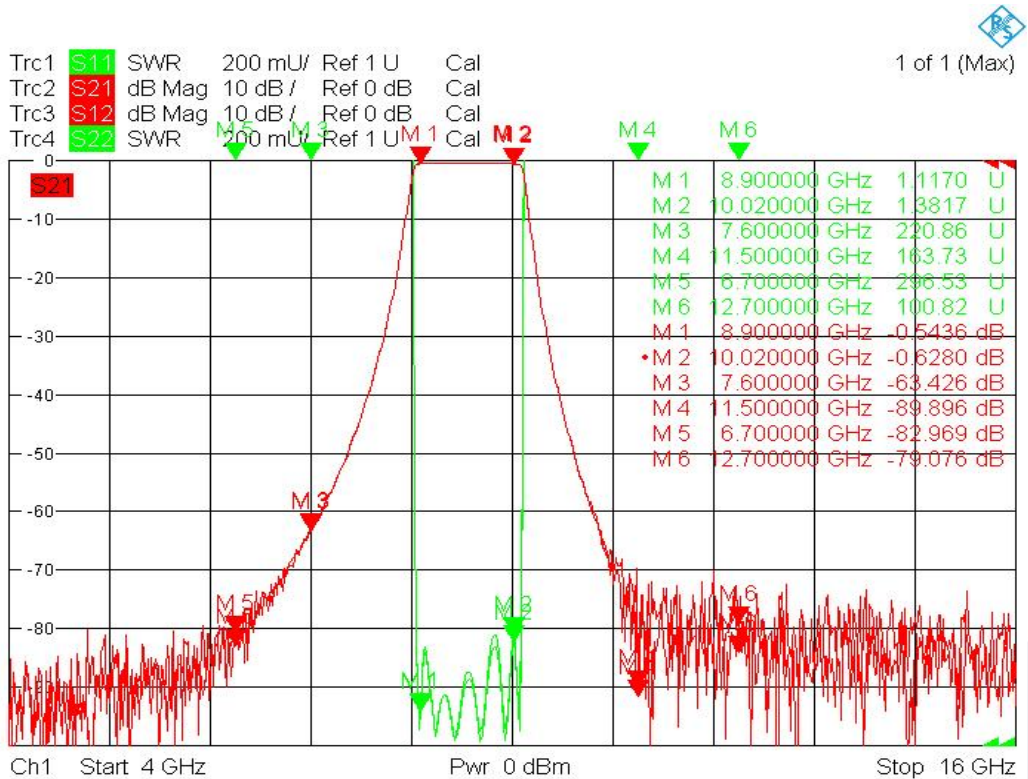


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

标Base Number	Description	Revision
TLBF-8G9-10G02-E	Coaxial Band-pass Filter, Passband frequency range: 8.9-10.2GHz, Passband Insertion Loss: 0.8dB, 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.