

Coaxial Band-pass Filter

Center Frequency 1000 MHz/SMA Female

Model: TLBF-1G-20M-E

TLBF-1G-20M-E is a coaxial band-pass filter with a passband center frequency at 1000 MHz and a rejection frequencies at $f_c \pm 30$ MHz. The maximum insertion loss of the filter is 1.8 dB and the minimum rejection is 40 dB.

Features:

- Passband Center Frequency 1000 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

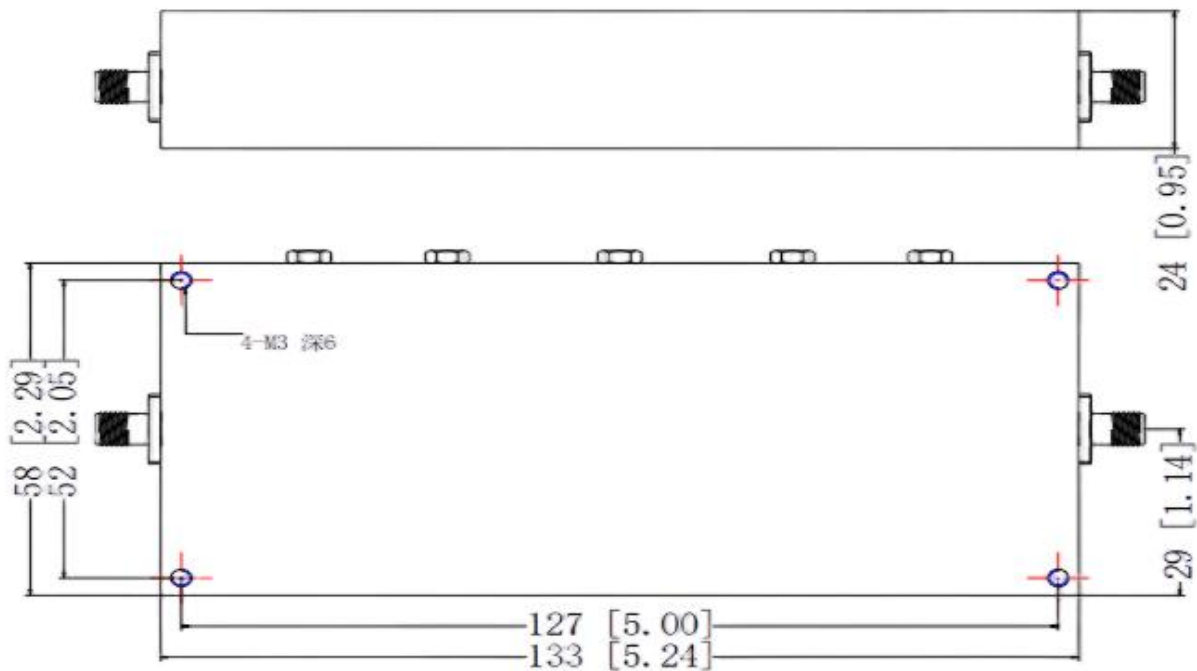
Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Passband Frequency range	990		1010	MHz
Band Width			20	MHz
Insertion Loss(f_0)			1.8	dB
Pass Band Ripple			1.6	dB
VSWR			1.5	:1
Rejection@ $f_c \pm 30$ MHz	40			dB
Power Handling			50	W
Impedance	50			Ohms

Environmental And Physical Characteristics:

Description	Parameter	Units
Operating Temperature	-40 To +70	°C
Connectors	SMA Female	
Size	24*58*133	mm

Outline Drawing: Unit:mm

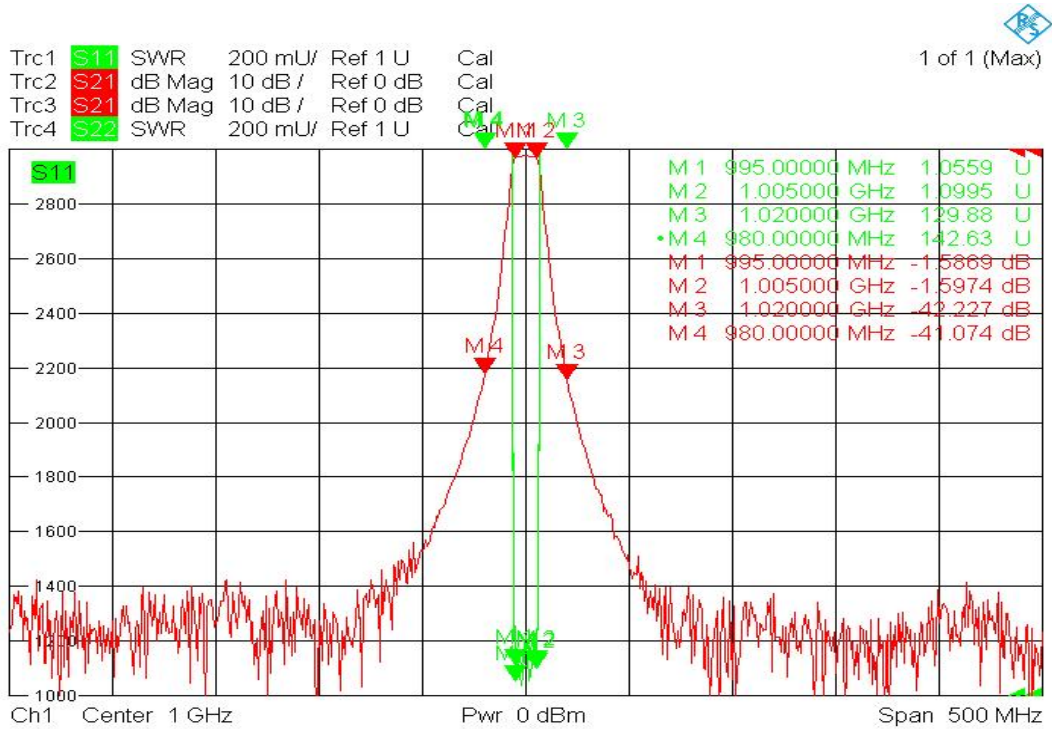


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-1G-20M-E	Coaxial Band-pass Filter, Passband center frequency: 1000MHz, Insertion Loss(f0): 1.8dB, 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.