

Coaxial Bandpass Filter

5-5.5 GHz/SMA Female/SMA Male

Model: TLBF-5G25-500M-E-Cryo

TLBF-5G25-500M-E-Cryo is a coaxial bandpass filter with a passband frequency from 5 to 5.5 GHz . The nominal insertion loss of the filter is 1.0 dB and the typical rejection is 70 dB.

Features:

- Passband Frequency Range:5-5.5 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

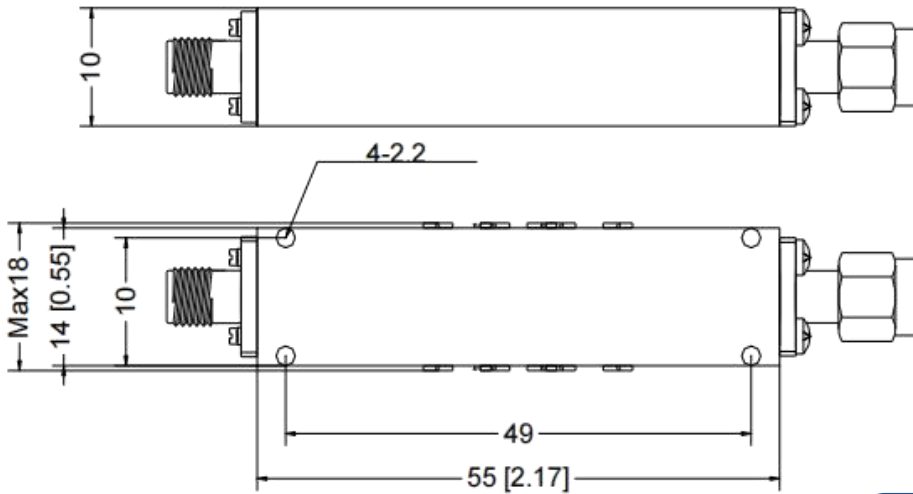
Parameter	Min	Typ	Max	Units
Passband Frequency range	5		5.5	GHz
Band Width			500	MHz
Passband Insertion Loss			1.0	dB
Pass Band Ripple	0.8			dB
Rejection	>70dB@DC-4.6Ghz 5.9Ghz			dB
Power Handling			15	W
Input VSWR			1.3	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Connectors	SMA Female/SMA Male	
Size	55*18*10	mm

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-5G25-500M-E-Cryo	Coaxial Bandpass Filter, Passband frequency range :5-5.5GHz, Passband Insertion Loss:1.0dB, SMA Female/SMA Male	Rev.1.0