

Coaxial Bandpass Filter

4-5 GHz/SMA Female/SMA Male

Model: TLBF-4G5-1G-E-Cryo

TLBF-4G5-1G-E-Cryo is a coaxial bandpass filter with a passband frequency from 4 to 5 GHz . The nominal insertion loss of the filter is 0.8 dB and the typical rejection is 70 dB.

Features:

- Passband Frequency Range:4-5 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

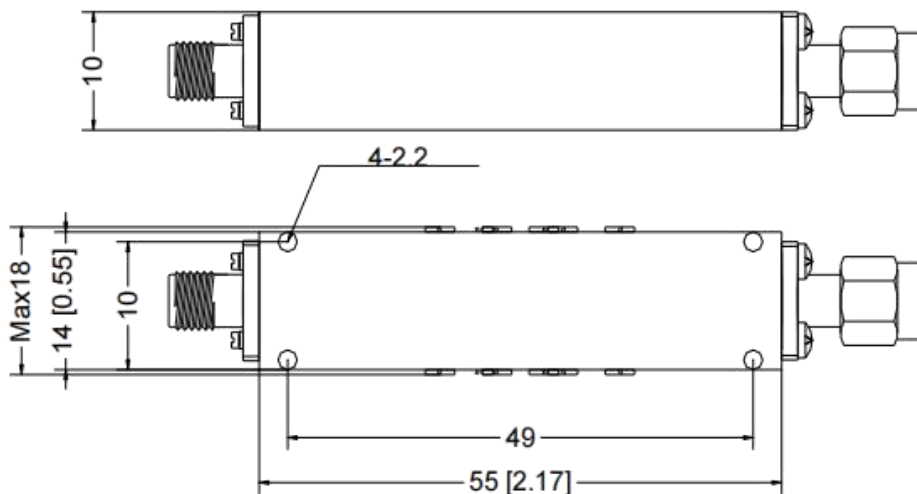
Parameter	Min	Typ	Max	Units
Passband Frequency range	4		5	GHz
Band Width			1000	MHz
Passband Insertion Loss			0.8	dB
Pass Band Ripple	0.6			dB
Rejection	>70dB@DC-3.4Ghz 5.6Ghz			dB
Power Handling			15	W
Input VSWR			1.3	:1
Impedance	50			Ohms

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-4G5-1G-E-Cryo	Coaxial Bandpass Filter, Passband frequency range :4-5GHz, Passband Insertion Loss:0.8dB, SMA Female/SMA Male	Rev.1.0