

Coaxial Bandpass Filter

3.5-4.1 GHz/SMA Female

Model: TLBF-3G8-600M-E-Cryo

TLBF-3G8-600M-E-Cryo is a coaxial bandpass filter with a passband frequency from 3.5 to 4.1 GHz . The nominal insertion loss of the filter is 1.2 dB and the typical rejection is 70 dB.

Features:

- Passband Frequency Range:3.5-4.1 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

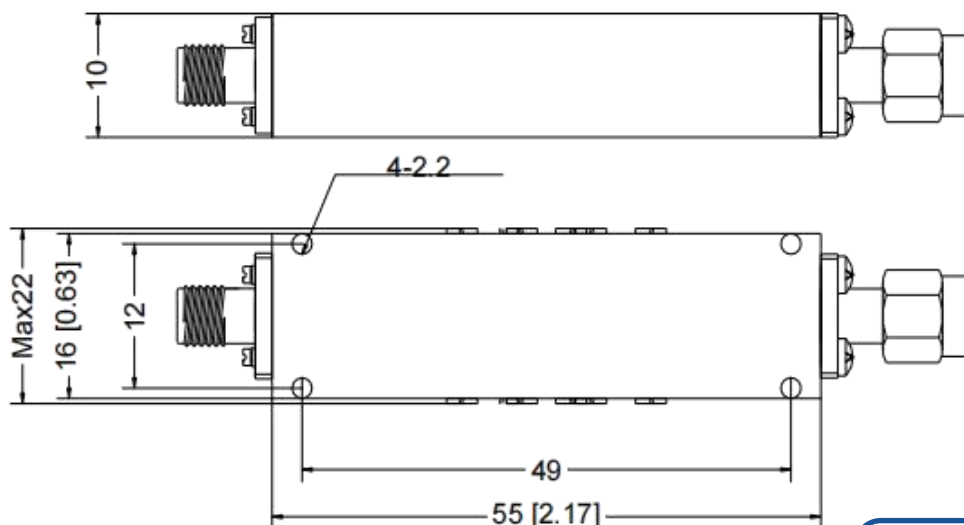
Parameter	Min	Typ	Max	Units
Passband Frequency range	3.5		4.1	GHz
Band Width			600	MHz
Passband Insertion Loss			1.2	dB
Pass Band Ripple	0.4			dB
Rejection	>70dB@DC-2.8Ghz 4.6Ghz			dB
Power Handling			15	W
Input VSWR			1.3	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Connectors	SMA Female	
Size	55*22*10	mm

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-3G8-600M-E-Cryo	Coaxial Bandpass Filter, Passband frequency range :3.5-4.1GHz, Passband Insertion Loss:1.2dB, SMA Female	Rev.1.0