

Coaxial Band-pass Filter

32.5-33.5/ 2.92 Female

Model: TLBF-33G-1G-A

TLBF-33G-1G-A is a coaxial band-pass filter with a passband frequency from 32.5 to 33.5 and a rejection frequencies @31.3 and 34.7 GHz. The nominal insertion loss of the filter is 2.0 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 32.5 to 33.5 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

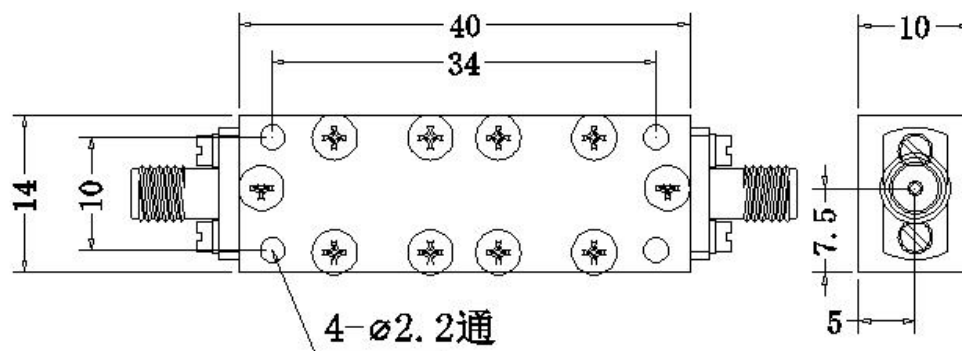
Parameter	Min	Typ	Max	Units
Passband Frequency range	32.5		33.5	GHz
Passband Insertion Loss			2.0	dB
Pass Band Ripple			1.6	dB
Rejection	≥50@fc±1.2GHz			dB
Power Handling			15	W
Input VSWR			1.8	:1
Output VSWR			1.8	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	参数 Parameter	单位 Units
Operating Temerature	-40 To +70	°C
Storage Temerature	-40 to +70	°C
Connectors	2.92 Female	

Outline Drawing:

Unit:mm;



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

Ordering Information:

Base Number	Description	Revision
TLBF-33G-1G-A	Coaxial Band-pass Filter, Passband frequency range: 32.5 to 33.5 GHz, Passband Insertion Loss: 2.0dB, 2.92 Female	Rev.1.0