

Coaxial Band-pass Filter

35.6-36GHz/Drop-in 0.3mm

Model: TLBF-35G6-36G-0.3MM

TLBF-35G6-36G-0.3MM is a coaxial band-pass filter with a passband frequency from 35.6 to 36GHz and a rejection frequencies @34.6 and 36.9 GHz. The nominal insertion loss of the filter is 2.0 dB and the typical rejection is 65 dB.

Features:

- Passband Frequency Range 35.6 to 36GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

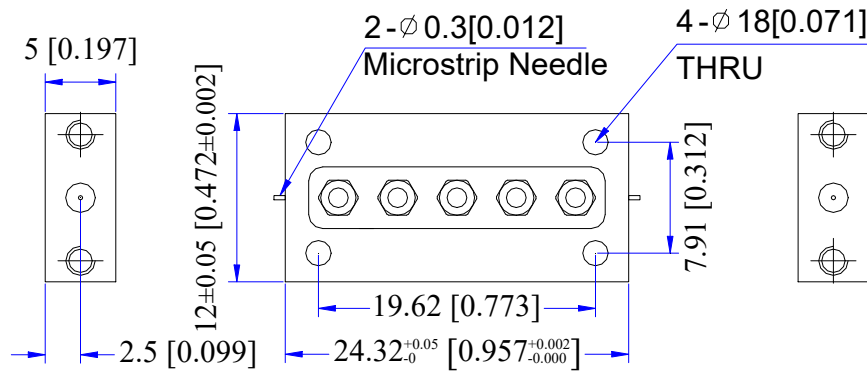
Parameter		Min	Typ	Max	Units
Passband Frequency range		35.6		36	GHz
Passband Insertion Loss				2.0	dB
Pass Band Ripple				0.8	dB
Rejection	@34.6GHz	65			dB
	@36.9GHz	26			
Power Handling				5	W
Input VSWR				1.5	:1
Output VSWR				1.5	:1
Impedance		50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-30 To +70	°C
Storage Temperature	-30 To +70	°C
Connectors	Drop-in 0.3mm	

Outline Drawing:

Unit:mm;



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

Ordering Information:

Base Number	Description	Revision
TLBF-35G6-36G-0.3MM	Coaxial Band-pass Filter, Passband frequency range: 35.6 to 36GHz, Passband Insertion Loss: 2.0dB, Drop-in 0.3mm	Rev.1.0