

Coaxial Band-pass Filter

26-30GHz/ 2.92 Female

Model: TLBF-28G-4G-E

TLBF-28G-4G-E is a coaxial band-pass filter with a passband frequency from 26 to 30GHz and a rejection frequencies 21GHz and 35GHz. The nominal insertion loss of the filter is 2.0 dB and the typical rejection is 30 dB.

Features:

- Passband Frequency Range 26 to 30GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

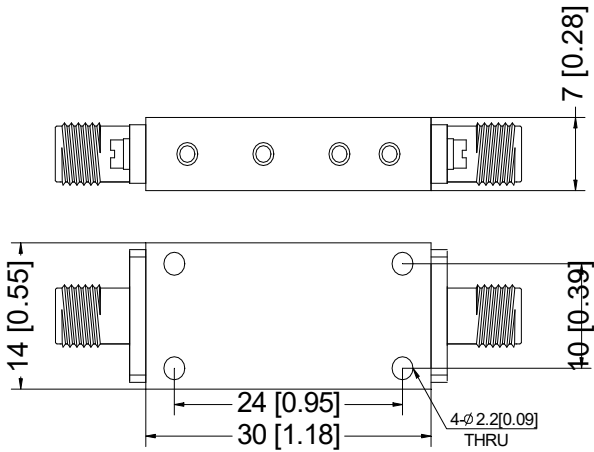
Parameter	Min	Typ	Max	Units
Passband Frequency range	26		30	GHz
Passband Insertion Loss			2.0	dB
Pass Band Ripple			1.8	dB
Rejection	≥30dB@21GHz&35GHz			dB
Power Handling			30	W
Input VSWR			1.8	:1
Output VSWR			1.8	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Storage Temperature	-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-28G-4G-E	Coaxial Band-pass Filter, Passband frequency range: 26 to 30GHz , Passband Insertion Loss: 2.0dB, 2.92 Female	Rev.1.0