

Coaxial Band-pass Filter

30-40GHz/ 2.92 Female

Model: TLBF-35G-10G-A2

TLBF-35G-10G-A2 is a coaxial band-pass filter with a passband frequency from 30-40GHz and a rejection frequencies @28.5 and 41.5 GHz. The nominal insertion loss of the filter is 1.2 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 30-40 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

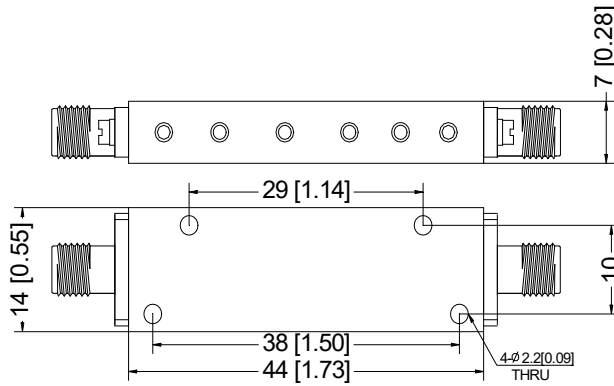
Parameter		Min	Typ	Max	Units
Passband Frequency range		30		40	GHz
Passband Insertion Loss				1.2	dB
Pass Band Ripple				1.0	dB
Rejection	@28.5GHz	50			dB
	@41.5GHz	50			
Power Handling				20	W
Input VSWR				1.5	:1
Output VSWR				1.5	:1
Impedance		50			Ohms

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-35G-10G-A2	Coaxial Band-pass Filter, Passband frequency range: 30 to 40GHz, Passband Insertion Loss: 1.2dB, 2.92 Female	Rev.1.0