

Coaxial Band-pass Filter

28.65-28.75GHz/ 2.92 Female

Model: TLBF-28G7-100M-A

TLBF-28G7-100M-A is a coaxial band-pass filter with a passband frequency from 28.65 to 28.75GHz and a rejection frequencies @28.3 and 29.1GHz. The nominal insertion loss of the filter is 2.2 dB and the typical rejection is 30 dB.

Features:

- Passband Frequency Range 28.65 to 28.75GHz
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

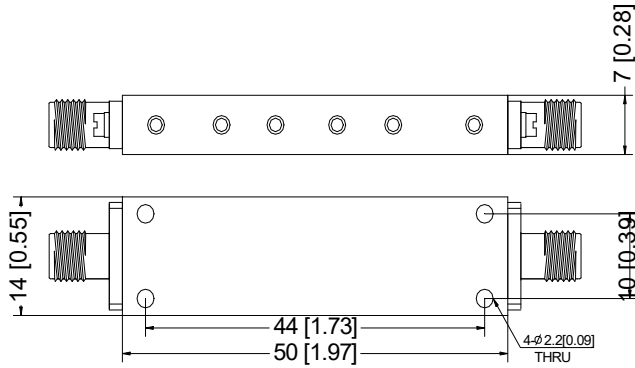
Parameter	Min	Typ	Max	Units
Passband Frequency range	28.65		28.75	GHz
Passband Insertion Loss			2.2	dB
Pass Band Ripple			1.8	dB
Rejection	≥30dB@FO±400MHz			dB
Power Handling			20	W
Input VSWR			1.6	:1
Output VSWR			1.6	:1
Impedance	50			Ohms

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-28G7-100M-A	Coaxial Band-pass Filter, Passband frequency range: 28.65 to 28.75GHz , Passband Insertion Loss: 2.2dB, 2.92 Female	Rev.1.0