

Coaxial Band-pass Filter

29.75-30.25GHz/ 2.92 Female

Model: TLBF-30G-500M-A

TLBF-30G-500M-A is a coaxial band-pass filter with a passband frequency from 29.75 to 30.25 GHz and a rejection frequencies @28.5 and 31.5GHz. The nominal insertion loss of the filter is 1.6 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 29.75 to 30.25 GHz
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

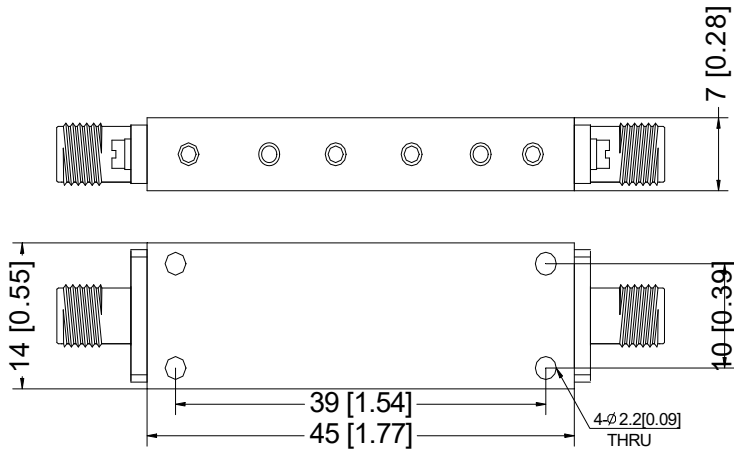
Parameter	Min	Typ	Max	Units
Passband Frequency range	29.75	30	30.25	GHz
Passband Insertion Loss			1.6	dB
Pass Band Ripple			1.4	dB
Rejection	≥50dB@fo±1.5GHz			dB
Power Handling			20	W
Input VSWR			1.5	:1
Output VSWR			1.5	:1
Impedance	50			Ohms

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.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLBF-30G-500M-A	Coaxial Band-pass Filter, Passband frequency range: 29.75 to 30.25 GHz, Passband Insertion Loss: 1.6dB, 2.92 Female	Rev.1.0