

Coaxial Band-pass Filter

2.8-2.9GHz/ N Female

Model: TLBF-2G85-100M-EN

TLBF-2G85-100M-EN is a coaxial band-pass filter with a passband frequency from 2.8 to 2.9GHz and a rejection frequencies at 2.58GHz and 3.12GHz. The nominal insertion loss of the filter is 1.5dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 2.8 to 2.9GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

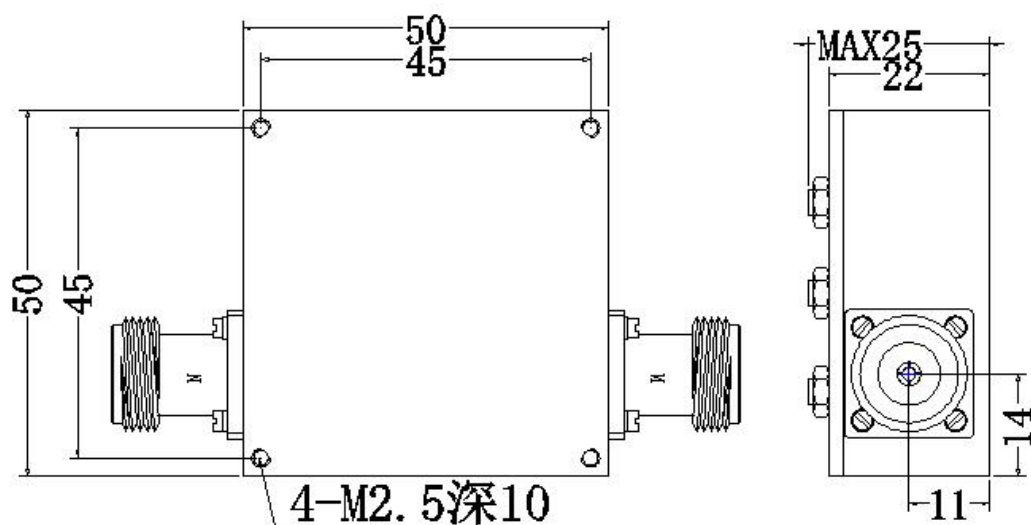
Parameter	Min	Typ	Max	Units
Passband Frequency range	2.8		2.9	GHz
Passband Insertion Loss			1.5	dB
Pass Band Ripple			1.4	dB
Rejection	>40dB@fc±220MHz			dB
Power Handling			50	W
Input VSWR			1.5	:1
Output VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Storage Temperature	-40 to +70	°C
Connectors	N Female	

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-2G85-100M-EN	Coaxial Band-pass Filter, Passband frequency range: 2.8 to 2.9GHz, Passband Insertion Loss: 1.5dB, N Female	Rev.1.0