

Coaxial Band-pass Filter

2.1-2.9GHz/ SMA Female

Model: TLBF-2100M-2900M-S

TLBF-2100M-2900M-S is a coaxial band-pass filter with a passband frequency from 2.1 to 2.9 GHz and a rejection frequencies at 5.14GHz and 7.71GHz. The nominal insertion loss of the filter is 1.8 dB and the typical rejection is 70 dB.

Features:

- Passband Frequency Range 2.1 to 2.9GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

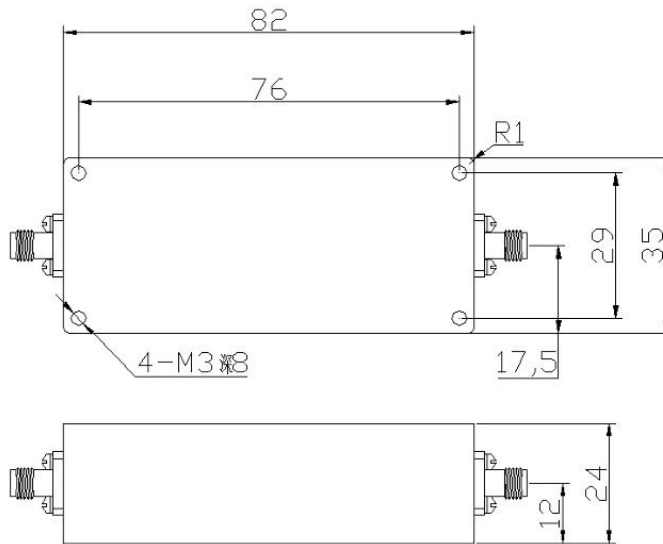
Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Passband Frequency range	2.1		2.9	GHz
Passband Insertion Loss			1.8	dB
Pass Band Ripple			1.0	dB
Rejection	≥70dBc@5.14GHz ≥50dBc@7.71GHz			dB
Power Handling			50	W
VSWR			1.7	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-30 To +60	°C
Finish	black sprayed paint	
Connectors	SMA Female	

外形图 Outline Drawing: Unit:mm;



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

Ordering Information:

Base Number	Description	Revision
TLBF-2100M-2900M-S	Coaxial Band-pass Filter, Passband frequency range: 2.1 to 2.9GHz, Passband Insertion Loss: 1.8dB, SMA Female	Rev.1.0