泰莱微波
Talent Microwave

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Coaxial Band-pass Filter

19.95-20.05 GHz/SMA Female

Model: TLBF-20G-100M-E

TLBF-20G-100M-E is a coaxial band-pass filter with a passband frequency from 19.95 to 20.05 GHz and a rejection frequencies from 19.15 GHz to 20.85GHz. The maximum fo insertion loss of the filter is 2.0 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 19.95 to 20.05 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	19.95		20.05	GHz
Band Width			0.1	GHz
Insertion Loss(FO)			2.0	dB
Pass Band Ripple			1.6	dB
Rejection	>40dB@f0±800MHz			dB
Power Handling			15	W
VSWR			1.6	:1
Impedance	50			Ohms

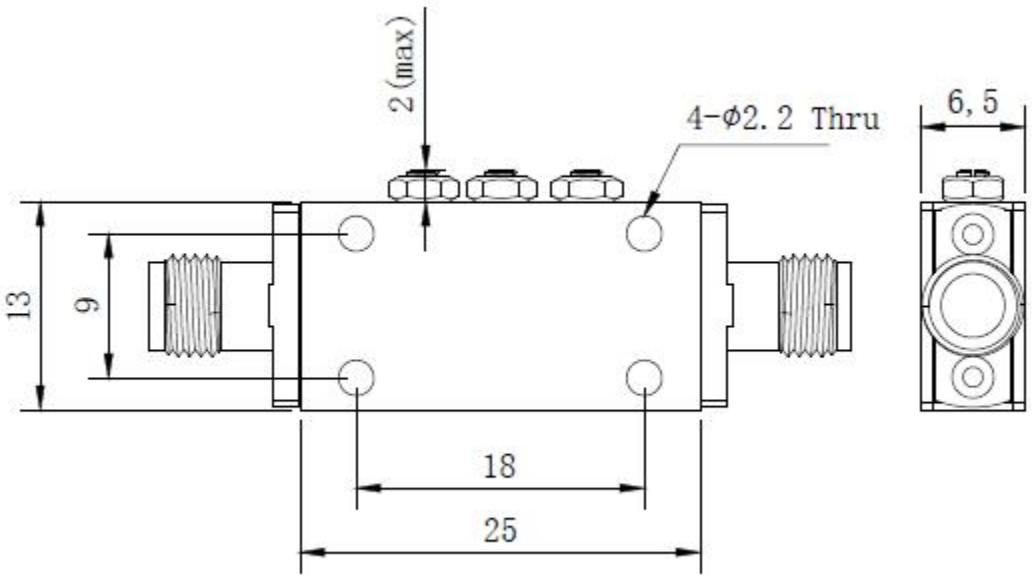
Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	℃
Connectors	SMA Female	

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Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-20G-100M-E	Coaxial Band-pass Filter,Passband frequency range:19.95-20.05GHz,Insertion Loss(FO):2.0dB, SMA Female	Rev.1.0