

Coaxial Band-pass Filter

18-24 GHz/SMA Female

Model: TLBF-21G-6G-E

TLBF-21G-6G-E is a coaxial band-pass filter with a passband frequency from 18 to 24 GHz and a rejection frequencies from 16.5 GHz to 25.5 GHz. The maximum fo insertion loss of the filter is 1.0 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 18 to 24 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

电气特性 Electrical Characteristics:

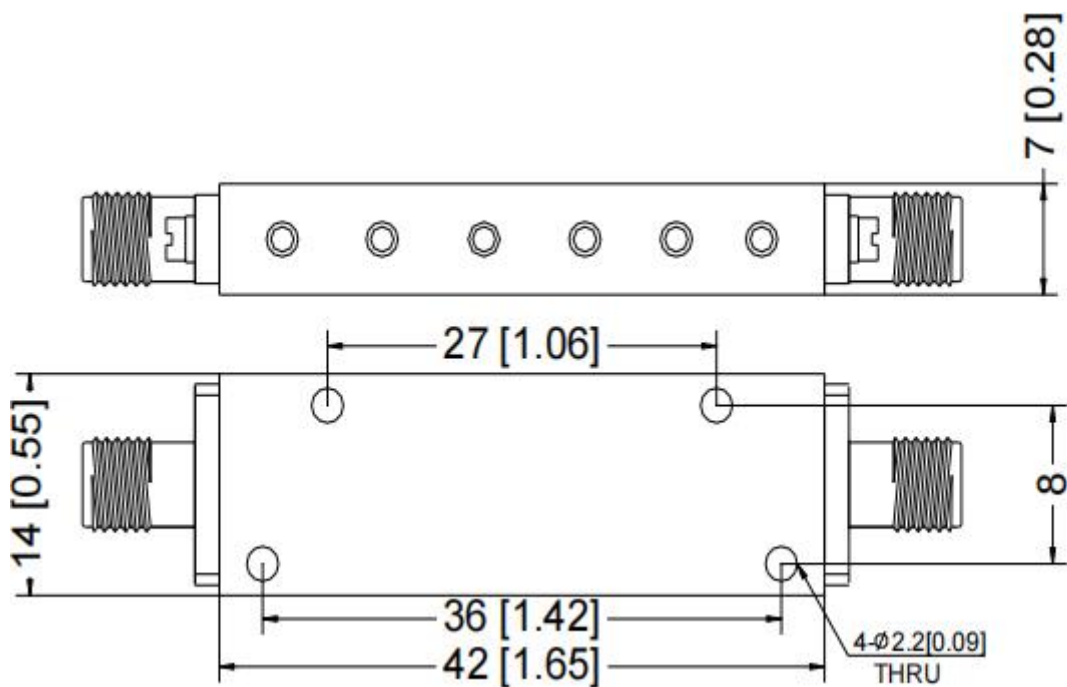
参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	18		24	GHz
带宽 Band Width			6	GHz
插损 Insertion Loss			1.0	dB
带内波动 Pass Band Ripple			0.8	dB
带外抑制 Rejection	>50dB@fc±1.5Ghz			dB
相位不平衡 Phase Unbalance	< 5°(1:6)			
耐受功率 Power Handling			20	W
驻波 VSWR			1.6	:1
阻抗 Impedance	50			Ohms

环境和机械特性 Envriionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temerature	-40 To +70	°C
接口 Connectors	SMA Female	

外形图 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-21G-6G-E	Coaxial Band-pass Filter, Passband frequency range: 18-24GHz, Passband Insertion Loss: 1.0dB, SMA Female	Rev.1.0