

Coaxial Bandpass Filter

5-5.5 GHz/SMA Female/SMA Male

Model: TLBF-5G25-500M-E-Cryo

TLBF-5G25-500M-E-Cryo is a coaxial bandpass filter with a passband frequency from 5 to 5.5 GHz . The nominal insertion loss of the filter is 1.0 dB and the typical rejection is 70 dB.

Features:

- Passband Frequency Range:5-5.5 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

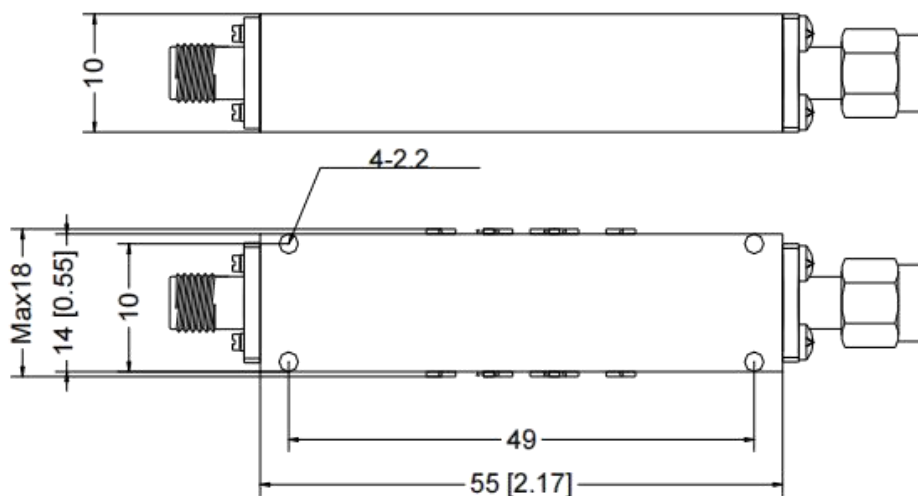
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	5		5.5	GHz
宽带 Band Width			500	MHz
通带插损 Passband Insertion Loss			1.0	dB
带内波动 Pass Band Ripple	0.8			dB
带外抑制 Rejection	>70dB@DC-4.6Ghz 5.9Ghz			dB
耐受功率 Power Handling			15	W
输入驻波 Input VSWR			1.3	:1
阻抗 Impedance	50			Ohms

环境和机械特性 Envirionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
接口 Connectors	SMA Female/SMA Male	
尺寸 Size	55*18*10	mm

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 Desciption	版本号 Revision
TLBF-5G25-500M-E-Cryo	Coaxial Bandpass Filter, Passband frequency range :5-5.5GHz, Passband Insertion Loss:1.0dB, SMA Female/SMA Male	Rev.1.0