

Coaxial Bandpass Filter

9-11 GHz/SMA Female

Model: TLBF-9G-11G-E-Cryo

TLBF-9G-11G-E-Cryo is a coaxial bandpass filter with a passband frequency from 9 to 11 GHz . The nominal insertion loss of the filter is 1.5 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range:9-11GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

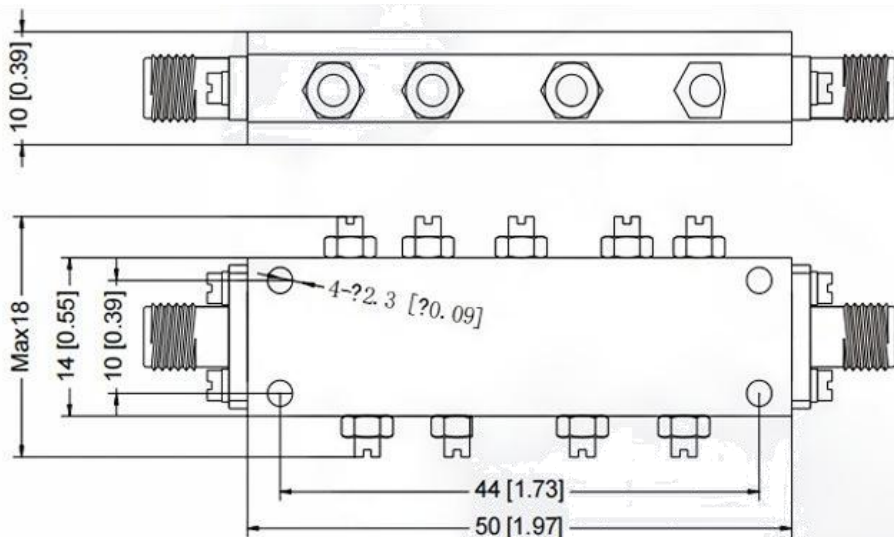
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	9		11	GHz
宽带 Band Width			2000	MHz
通带插损 Passband Insertion Loss			1.5	dB
带内波动 Pass Band Ripple			1.0	dB
带外抑制 Rejection	>40dB@DC-8Ghz 12-14Ghz			dB
耐受功率 Power Handling			15	W
输入驻波 Input VSWR			1.6	: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	
尺寸 Size	50*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 Description	版本号 Revision
TLBF-9G-11G-E-Cryo	Coaxial Bandpass Filter, Passband frequency range :9-11GHz, Passband Insertion Loss:1.5dB, SMA Female	Rev.1.0

Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.