

Coaxial Band-pass Filter

3-4.0625GHz/ SMA Female

Model: TLBF-3G53125-1G0625-E

TLBF-3G53125-1G0625-E is a coaxial band-pass filter with a passband frequency from 3 to 4.0625GHz and a rejection frequencies at 2.03125GHz and 4.5 GHz. The nominal insertion loss of the filter is 1.5dB and the typical rejection is 70 dB.

Features:

- Passband Frequency Range 3 to 4.0625GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

电气特性 Electrical Characteristics:

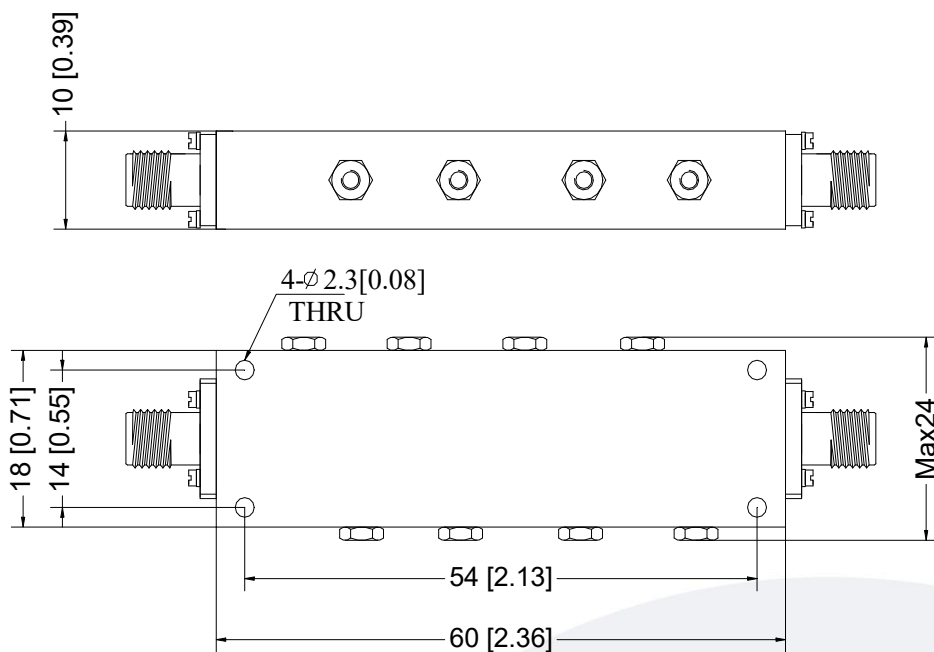
参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	3		4.0625	GHz
通带插损 Insertion Loss			1.5	dB
带内纹波 Pass Band Ripple	1.2			dB
带外抑制 Rejection	>70dB@DC-2031.25Mhz >60dB@4500Mhz			dB
耐受功率 Power Handling			15	W
输入驻波 Input VSWR			1.6	:1
输出驻波 Output VSWR			1.6	:1
阻抗 Impedance	50			Ohms

环境和机械特性 Envirionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temperature	-40 To +70	℃
存储温度 Storage Temperature	-40 to +70	℃
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-3G53125-1G0625-E	Coaxial Band-pass Filter, Passband frequency range: 3 to 4.0625GHz, Passband Insertion Loss: 1.5dB, SMA Female	Rev.1.0