

Coaxial Band-pass Filter

3.1-3.3 GHz/SMA Female

Model: TLBF-3G2-200M-E

TLBF-3G2-200M-E is a coaxial band-pass filter with a passband frequency from 3.1 to 3.3 GHz and a rejection frequencies from DC-2.9GHz and 3.5 GHz. The maximum fo insertion loss of the filter is 1.0 dB and the typical rejection is 10 dB.

Features:

- Passband Frequency Range 3.1 to 3.3 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

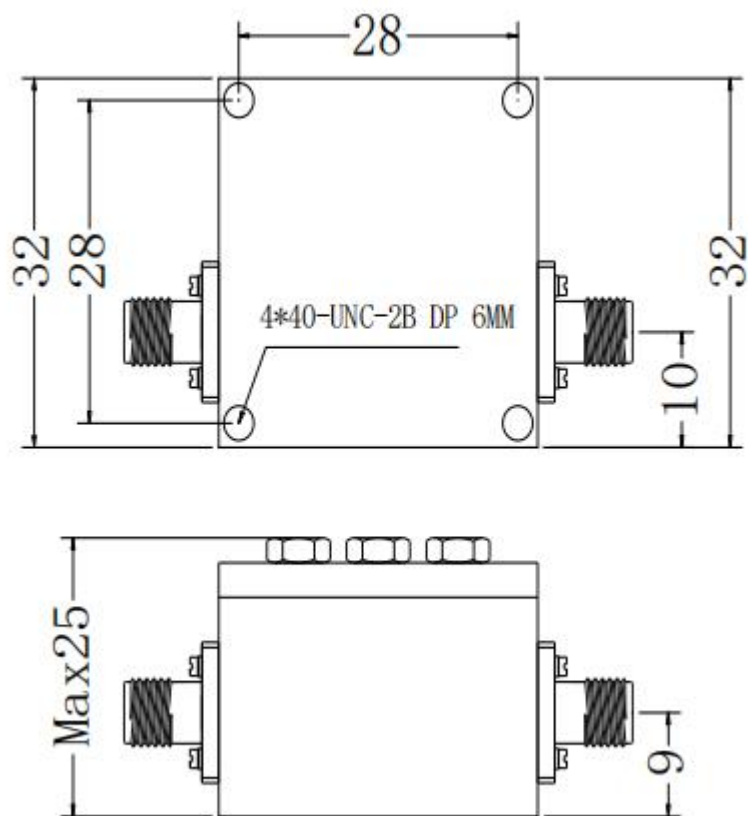
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	3.1		3.3	GHz
带宽 Band Width			0.2	GHz
插损 Insertion Loss(fo)			1.0	dB
带内波动 Pass Band Ripple			0.8	dB
带外抑制 Rejection	>10dB@DC-2900MHz 3500MHz			
耐受功率 Power Handling			30	W
驻波 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	°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-3G2-200M-E	Coaxial Band-pass Filter, Passband frequency range: 3.1-3.3GHz, fo Insertion Loss: 1.0dB, SMA Female	Rev.1.0