

Coaxial Band-pass Filter

Center Frequency 1.3 GHz/SMA Female

Model: TLBF-1G3-700k-E

TLBF-1G3-700k-E is a coaxial band-pass filter with a passband center frequency at 1.3 GHz and a rejection frequencies at $f_c \pm 10$ MHz. The maximum insertion loss of the filter is 12 dB and the minimum rejection is 50 dB.

Features:

- Passband Center Frequency 1.3 GHz
- 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	1.29965		1.30035	GHz
带宽 Band Width			0.7(3)	MHz
通带插损 Passband Insertion Loss			12	dB
带内纹波 Pass Band Ripple			0	dB
驻波 VSWR			1.6	:1
带外抑制 Rejection@ $f_c \pm 10$ MHz	50			dB
耐受功率 Power Handling			50	W
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 Temerature	-40 To +70	°C
接口 Connectors	SMA Female	
尺寸 Size		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-1G3-700k-E	Coaxial Band-pass Filter, Passband center frequency: 1.3GHz, Passband Insertion Loss: 12dB, SMA Female	Rev.1.0