

Coaxial Band-pass Filter

13.95-14.05 GHz/SMA Female

Model: TLBF-14G-100M-E

TLBF-14G-100M-E is a coaxial band-pass filter with a passband frequency from 13.95 to 14.05 GHz and a rejection frequencies from 13.35 GHz and 14.65 GHz. The maximum fo insertion loss of the filter is 2.2 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 13.95 to 14.05 GHz
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

电气特性 Electrical Characteristics:

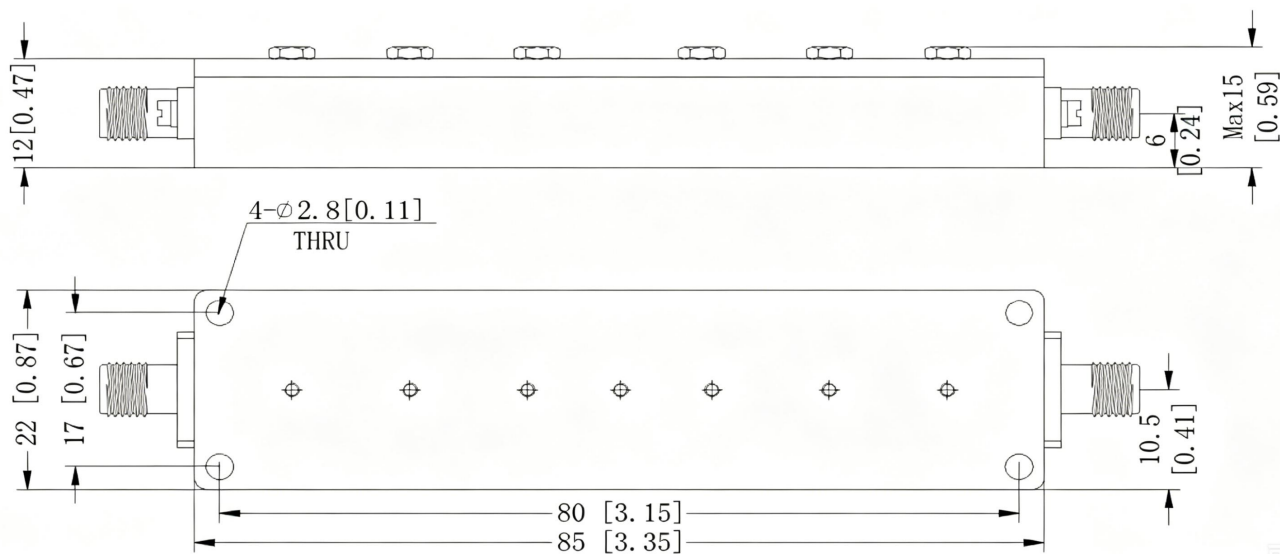
参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	13.95		14.05	GHz
插损 Insertion Loss(fo)			2.2	dB
带内波动 Pass Band Ripple			2.0	dB
带外抑制 Rejection	>50dB@FC±600MHz			dB
耐受功率 Power Handling			20	W
驻波 VSWR			1.5	:1
阻抗 Impedance	50			Ohms

环境和机械特性 Envriionmental 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	
重量 Weight	/	g

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-14G-100M-E	Coaxial Band-pass Filter, Passband frequency range: 13.95-14.05GHz, Passband Insertion Loss: 2.2dB, SMA Female	Rev.1.0