

Coaxial Band-pass Filter

2.846-2.854GHz/ SMA Female

Model: TLBF-2G85-8M-E

TLBF-2G85-8M-E is a coaxial band-pass filter with a passband frequency from 2.846 to 2.854GHz and a rejection frequencies at 2.8GHz and 2.9GHz. The nominal insertion loss of the filter is 2.8dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range: 2.846 to 2.854GHz
- 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	2.846		2.854	GHz
中心插损 Insertion Loss(f0)			2.8	dB
带内纹波 Pass Band Ripple			2.6	dB
带外抑制 Rejection	> 40dB@fo±50MHz			dB
耐受功率 Power Handling			50	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-2G85-8M-E	Coaxial Band-pass Filter, Passband frequency range: 2.846 to 2.854GHz, Insertion Loss (fo) : 2.8dB, SMA Female	Rev.1.0