

Coaxial Band-pass Filter

3.48-3.6GHz/ SMA Female

Model: TLBF-3G54-120M-E

TLBF-3G54-120M-E is a coaxial band-pass filter with a passband frequency from 3.48 to 3.6GHz and a rejection frequencies at 2.85GHz and 3.85GHz. The nominal insertion loss of the filter is 1.5dB and the typical rejection is 20dB.

Features:

- Passband Frequency Range 3.48 to 3.6GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

电气特性 Electrical Characteristics:

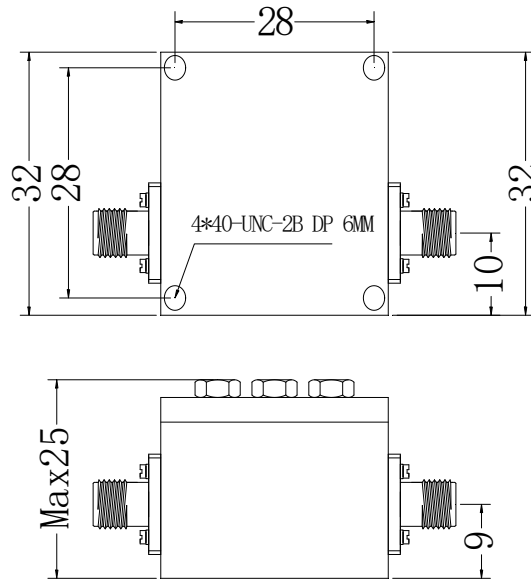
参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	3.48	3.54	3.6	GHz
中心插损 Insertion Loss (fo)			1.5	dB
带内纹波 Pass Band Ripple			1.4	dB
带外抑制 Rejection	>20dB@dc-2850MHz 3850MHz			dB
耐受功率 Power Handling			50	W
输入驻波 Input VSWR			1.6	:1
输出驻波 Output VSWR			1.6	:1
阻抗 Impedance	50			Ohms

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 Temerature	-40 To +70	℃
存储温度 Storage Temerature	-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-3G54-120M-E	Coaxial Band-pass Filter, Passband frequency range: 3.48 to 3.6GHz, Passband Insertion Loss: 1.5dB, SMA Female	Rev.1.0