

Coaxial Band-pass Filter

2.8-2.9GHz/ N Female

Model: TLBF-2G85-100M-EN

TLBF-2G85-100M-EN is a coaxial band-pass filter with a passband frequency from 2.8 to 2.9GHz and a rejection frequencies at 2.58GHz and 3.12GHz. The nominal insertion loss of the filter is 1.5dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 2.8 to 2.9GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

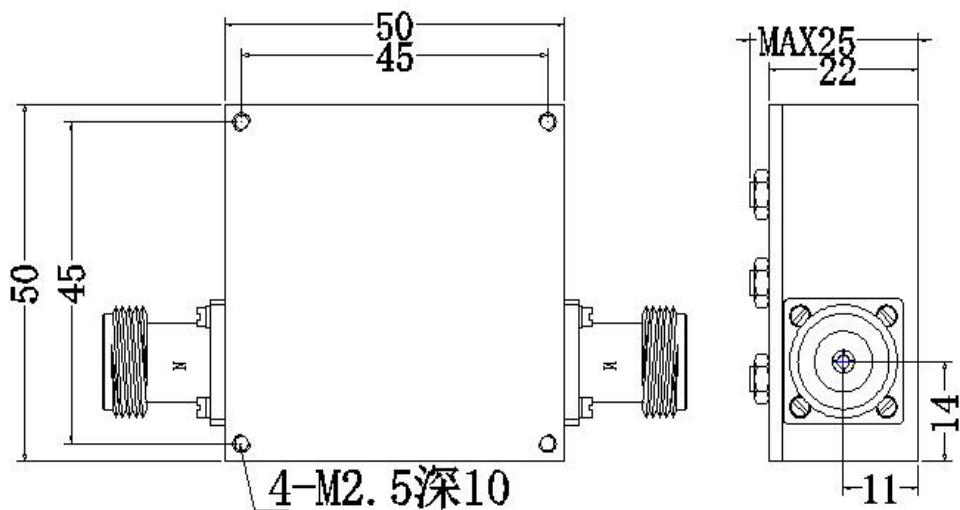
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	2.8		2.9	GHz
通带插损 Passband Insertion Loss			1.5	dB
带内纹波 Pass Band Ripple			1.4	dB
带外抑制 Rejection	>40dB@fc±220MHz			dB
耐受功率 Power Handling			50	W
输入驻波 Input VSWR			1.5	:1
输出驻波 Output VSWR			1.5	: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	N 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-2G85-100M-EN	Coaxial Band-pass Filter, Passband frequency range: 2.8 to 2.9GHz, Passband Insertion Loss: 1.5dB, N Female	Rev.1.0