

Waveguide Lowpass Filter

FBP84/7.145-7.26GHz

Model: TLLF-7.145G7.26G-60

TLLF-7.145G7.26G-60 is a waveguide lowpass filter with a passband frequency from 7.145 to 7.26GHz and a 60dBc rejection frequency point at 8.4GHz. The maximum insertion loss of the filter is 4.0 dB and the typical rejection is 60dBc.

Features:

- Passband Frequency Range 7.145 to 7.26GHz
- Full Band Operation
- Low Insertion Loss
- High Rejection

Applications:

- Test Labs
- Instrumentations
- Sub-assemblies

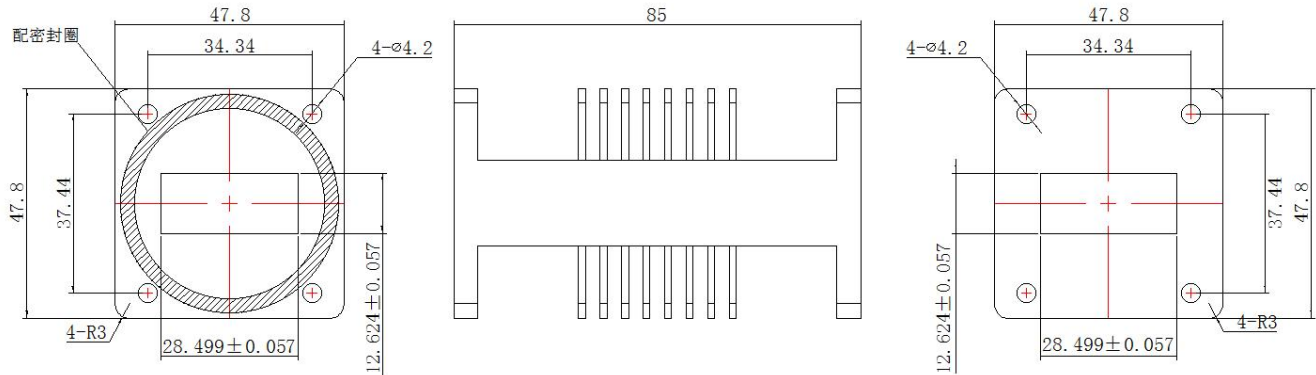
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	7.145		7.26	GHz
通带插损 Passband Insertion Loss			0.4	dB
驻波 VSWR			1.3	:1
带外抑制 Rejection@8.4GHz		60		dBc
耐受功率 Power Handling		300		W

环境和机械特性 Environmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
材质 Material	Aluminium	
表面处理 Finish	Silver plated, spray ice gray paint	
波导 Waveguide	FBP84/FBM84	
尺寸 Size	47.8*47.8*84	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
TLLF-7.145G7.26G-60	Waveguide Lowpass Filter, 7.145-7.26GHz, Insertion Loss: 0.4dB, Rejection: 60dBc@8.4GHz, FBP84/FBM84	Rev.1.0