

Waveguide Bandpass Filter

WR-19/40-60GHz

Model: TLBF-4060-60

TLBF-4060-60 is a waveguide bandpass filter with a passband frequency from 40 to 60 GHz. The nominal insertion loss of the filter is 1.0 dB and the min rejection is 60 dB@105&140GHz.

Features:

- Passband Frequency Range 40 to 60 GHz
- Lower Cost
- Low Insertion Loss
- High Rejection

Applications:

- Communicatin Systems
- Radar Systems
- Sub-assemblies

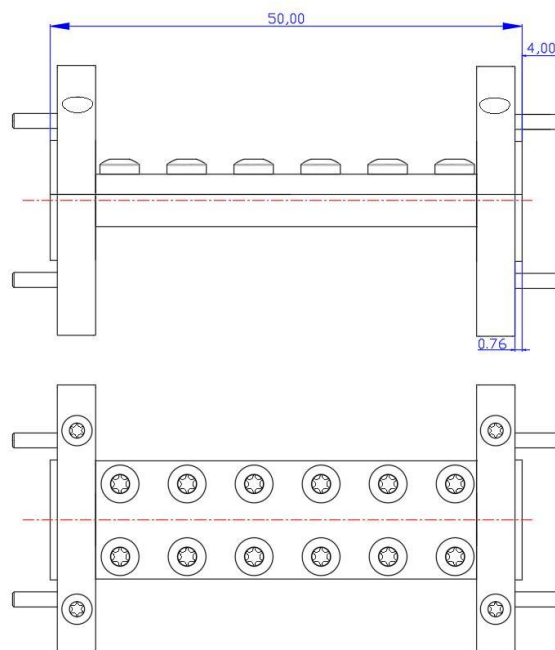
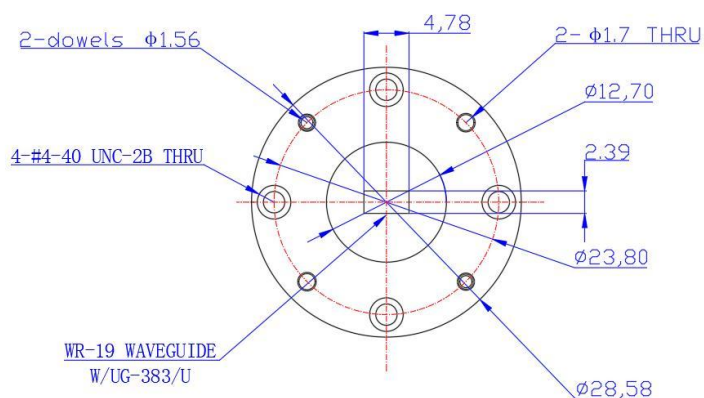
电气特性 Electrical Characteristics:

参数 Parameter		Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range		40		60	GHz
通带带宽 Passband Width			20		GHz
驻波 VSWR				1.5	:1
通带插损 Passband Insertion Loss			1	1.8	dB
带外抑制 Rejection	@105GHz	60			dB
	@140GHz	60			

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
波导 Waveguide	WR-19/UG-383/U-M	°C

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-4060-60	Waveguide Bandpass Filter, 40-60GHz, Insertion Loss: 1.0dB, Rejection: 60dB@105GHz&140GHz, WR-19/UG-383/U-M	Rev.1.1