

Coaxial Band-pass Filter

3.15-3.75GHz/ SMA Female

Model: TLBF-3G45-600M-E

TLBF-3G45-600M-E is a coaxial band-pass filter with a passband frequency from 3.15 to 3.75GHz and a rejection frequencies at 2.65GHz and 4.25 GHz. The nominal insertion loss of the filter is 1.0dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 3.15 to 3.75GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

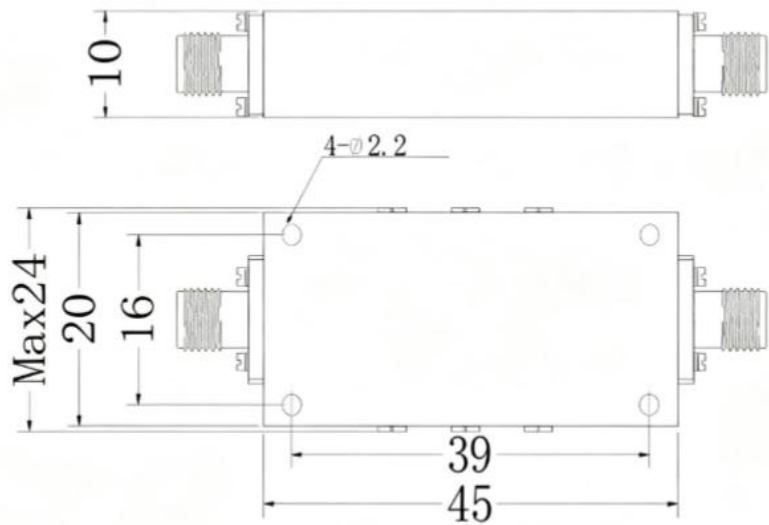
Parameter	Min	Typ	Max	Units
Passband Frequency range	3.15		3.75	GHz
Insertion Loss (fo)			1.0	dB
Pass Band Ripple			0.8	dB
Rejection	>40dB@2650MHz 4250MHz			dB
Power Handling			50	W
Input VSWR			1.6	:1
Output VSWR			1.6	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Storage Temperature	-40 to +70	°C
Connectors	SMA Female	

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-3G45-600M-E	Coaxial Band-pass Filter, Passband frequency range: 3.15 to 3.75GHz, Passband Insertion Loss: 1.0dB, SMA Female	Rev.1.0