

# AT-BPF-0813SQ: 8.5-23.5GHz Band-Pass Filter, SMA

### Product Overview



AT Microwave offers high performance band coaxial band-pass filter from 300MHz-40GHz with bandwidth from 1.5% to 70%. Other frequency bands and rejection requirement can provide according to request.

Based on our excellent design work, precise machine tolerance and outstanding quality plating, we can provide band pass filter with low insertion loss, good return loss and high rejection at the same time.

More information, please visit [www.atmicrowave.com](http://www.atmicrowave.com)

### Advantages

- ✓ Low Insertion Loss
- ✓ Good Return Loss
- ✓ High Stop Band Suppression
- ✓ Sharp Roll-Off

### Application

- ✓ 5G Communication
- ✓ Test Equipment
- ✓ ROF (RF Over Fiber)
- ✓ Radar System

### Key Features

Parameter	Min	Typical	Max
Passband Frequency		8.5-13.5GHz	
Center Frequency		11GHz	
Insertion Loss		-1.0 dB	-3dB
Passband Return Loss	-10	-15 dB	
Low Rejection Frequency		5.5GHz: -40dBc	
High Rejection Frequency		16.5GHz: -40dBc	
RF Input/output Port		SMA Female	
Spec Temp		25C	





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8.5-13.5GHz Band Pass Filter

## Mechanical Information

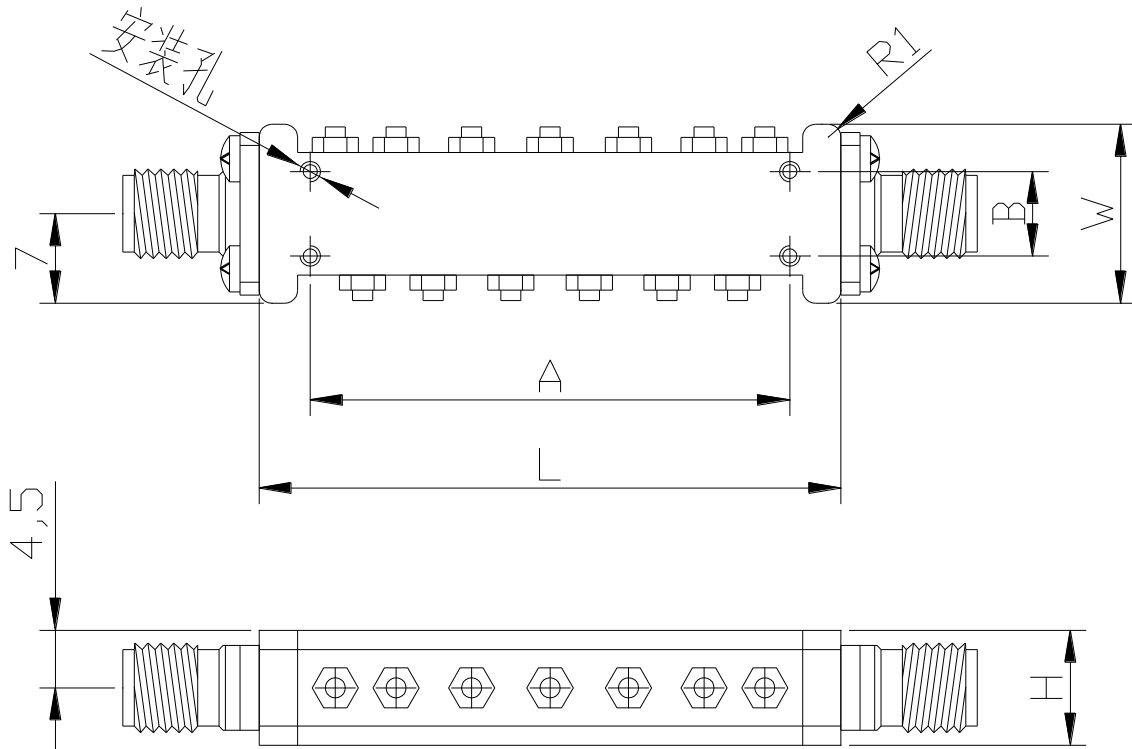
Parameter	Value
RF1 Port	SMA Female
RF2 Port	SMA Female
Case Material	Brass
Plated	Silver
Weight	25g
Dimension	See outline

## Absolute Maximum Ratings Table

Parameter	Value
RF Power	+30dBm
Operating Temperature	-40 to +85C
Storage Temperature	-65 to +150C



Dimension: (mm)



L	W	H	A	B	
42.6mm	13mm	10mm	35.2mm	9.8mm	4*M2.0

