

AT-BPF-1113: 11-13GHz Band-Pass Filter

Product Overview



AT Microwave offers high performance band coaxial band-pass filter from low frequency to 67GHz. 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

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

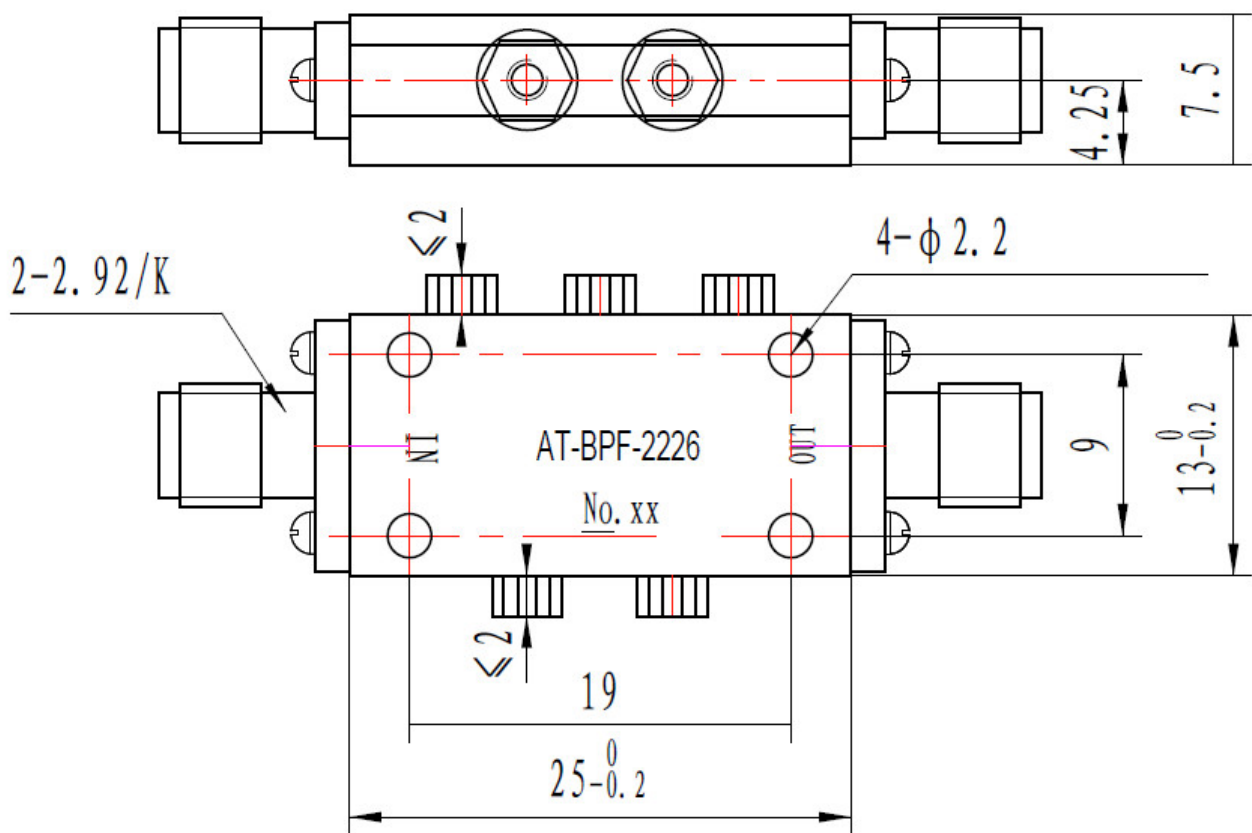
Parameter	Min	Typical	Max
Center Frequency		12GHz	
Passband Frequency		11-13GHz	
Insertion Loss		-1.8 dB	-3
Passband Return Loss	-10	-15 dB	
Low Rejection Frequency		8GHz: 50dB 9.5GHz: 30dB	
High Rejection Frequency		14.5GHz: 30dB 16GHz: 50 dB	
Spec Temp		25C	
RF Input/output Port		SMA Female	
Spec Temp		25C	



Absolute Maximum Ratings Table

Parameter	Value
Operating Temperature	-40 to +70C
Storage Temperature	-65 to +150C

Dimension: (mm)



Mechanical Information

Parameter	Value
Case Material	Brass
Plated	Silver
Weight	25g
Dimension	25X13X7.5mm

