# BPF-76M-4M-L
# Band Pass Filter
# Center Frequency 76 MHz/SMA Female

BPF-76M-4M-L is a coaxial band-pass filter with a passband center frequency at 76 MHz and a rejection frequencies at f0±30 MHz. The maximum insertion loss of the filter is 4.8 dB and the minimum rejection is 40 dB.

## Features:

- Passband Center Frequency 76 MHz
- High Rejection
- Steep Rejection Skirts

## Applications:

- Instrumentations
- Radar Systems
- System Integrations

## Electrical Characteristics:

| Parameter | Min | Typ | Max | Units |
|---|---|---|---|---|
| Passband Frequency range | 74 | | 78 | MHz |
| Band Width | | | 4 | MHz |
| Passband Insertion Loss | | | 4.8 | dB |
| Pass Band Ripple | | | 4.0 | dB |
| VSWR | | | 1.6 | :1 |
| Rejection@f0±30MHz | 40 | | | dB |
| Power Handling | | | 15 | W |
| Impedance | 50 | | | Ohms |

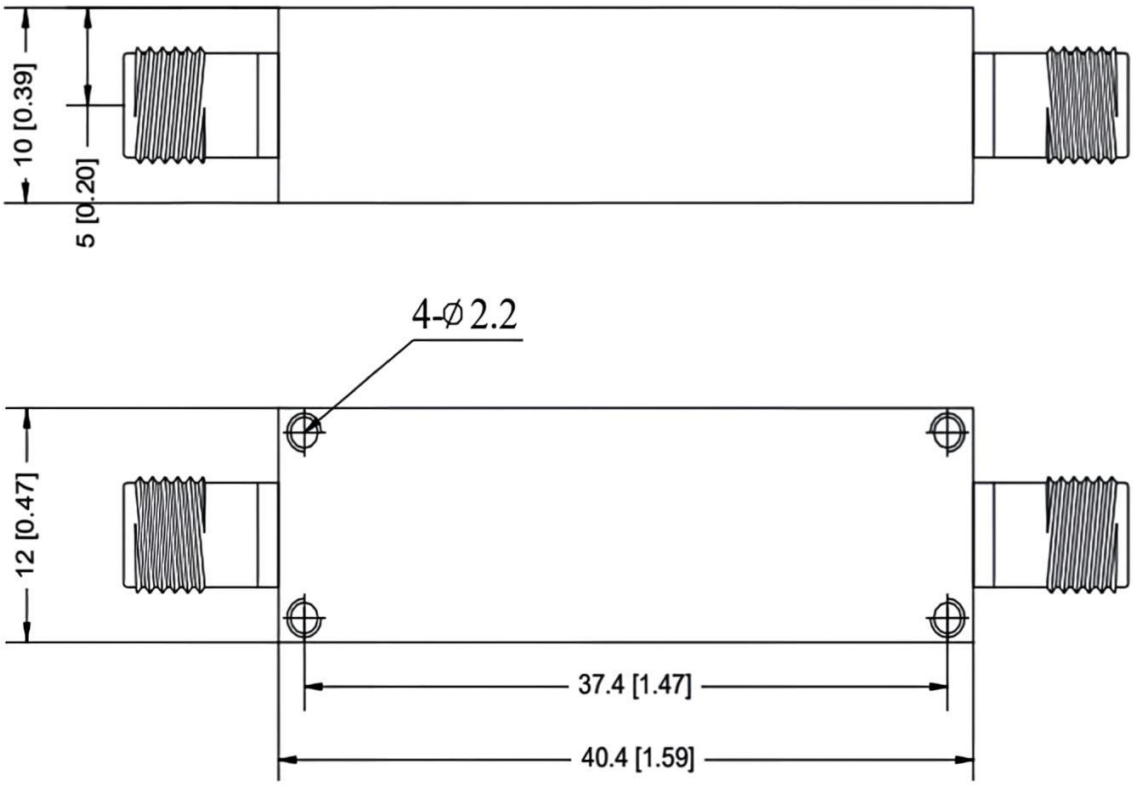
## Envrionmental And Physical Characteristics:

| Description | Parameter | Units |
|---|---|---|
| Operating Temerature | -40 To +70 | ℃ |
| Connectors | SMA Female | |
| Size | 10*12*40.4 | mm |

BPF-76M-4M-L
Band Pass Filter
Center Frequency 76 MHz/SMA Female

## Outline Drawing:

Unit:mm

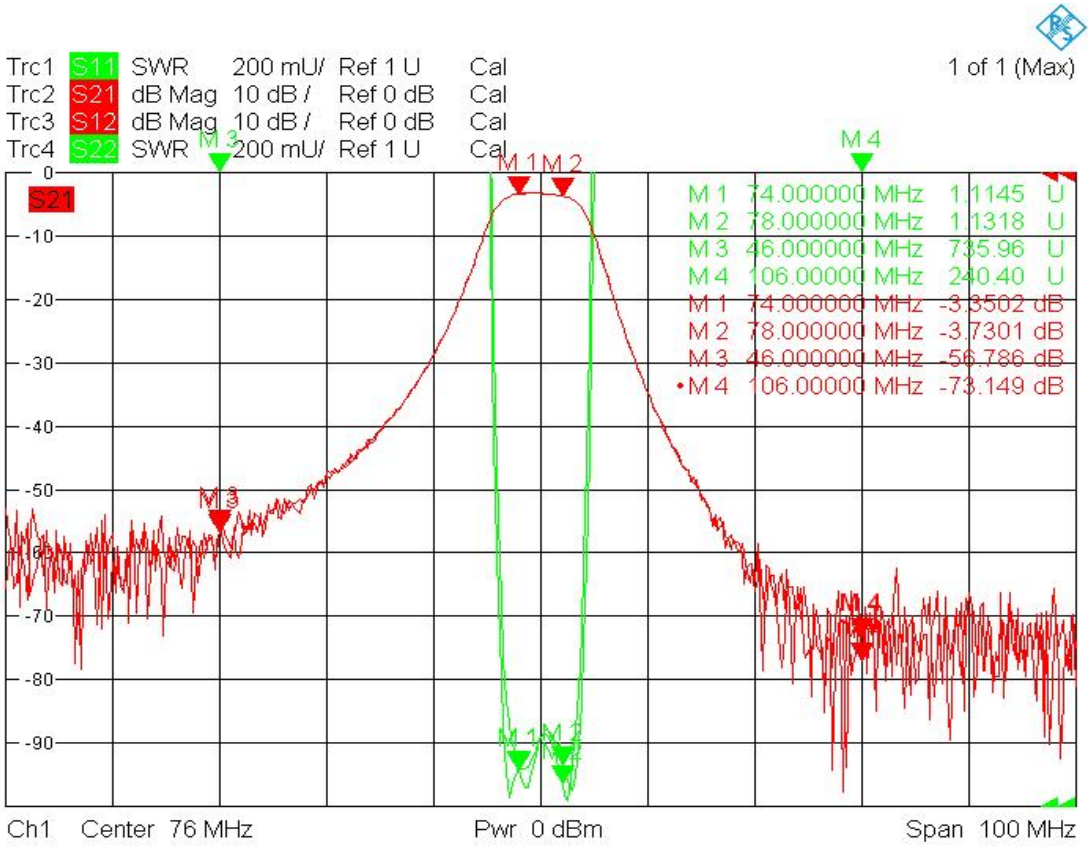



## Ordering Information:

| Base Number | Description | Revision |
|---|---|---|
| BPF-76M-4M-L | Coaxial Band-pass Filter,Passband center frequency: 76MHz,Passband Insertion Loss:4.8dB, SMA Female | Rev.1.0 |

BPF-76M-4M-L
Band Pass Filter
Center Frequency 76 MHz/SMA Female

## Typical Performance Data:




Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.