# BPF-165M-2M-L
# Band Pass Filter
# Center Frequency 165 MHz/SMA Female

BPF-165M-2M-L is a coaxial band-pass filter with a passband center frequency at 165 MHz and a rejection frequencies at f0±30 MHz. The maximum insertion loss of the filter is 5 dB and the minimum rejection is 40 dB.

## Features:

- Passband Center Frequency 165 MHz
- High Rejection
- Steep Rejection Skirts

## Applications:

- Instrumentations
- Radar Systems
- System Integrations

## Electrical Characteristics:

| Parameter | Min | Typ | Max | Units |
|---|---|---|---|---|
| Passband Frequency range | 164 | | 166 | MHz |
| Band Width | | | 2(4) | MHz |
| Passband Insertion Loss | | | 5 | dB |
| Pass Band Ripple | | | 4.0 | dB |
| VSWR | | | 1.6 | :1 |
| Rejection@f0±30MHz | 40 | | | dB |
| Power Handling | | | 15 | W |
| Impedance | 50 | | | Ohms |

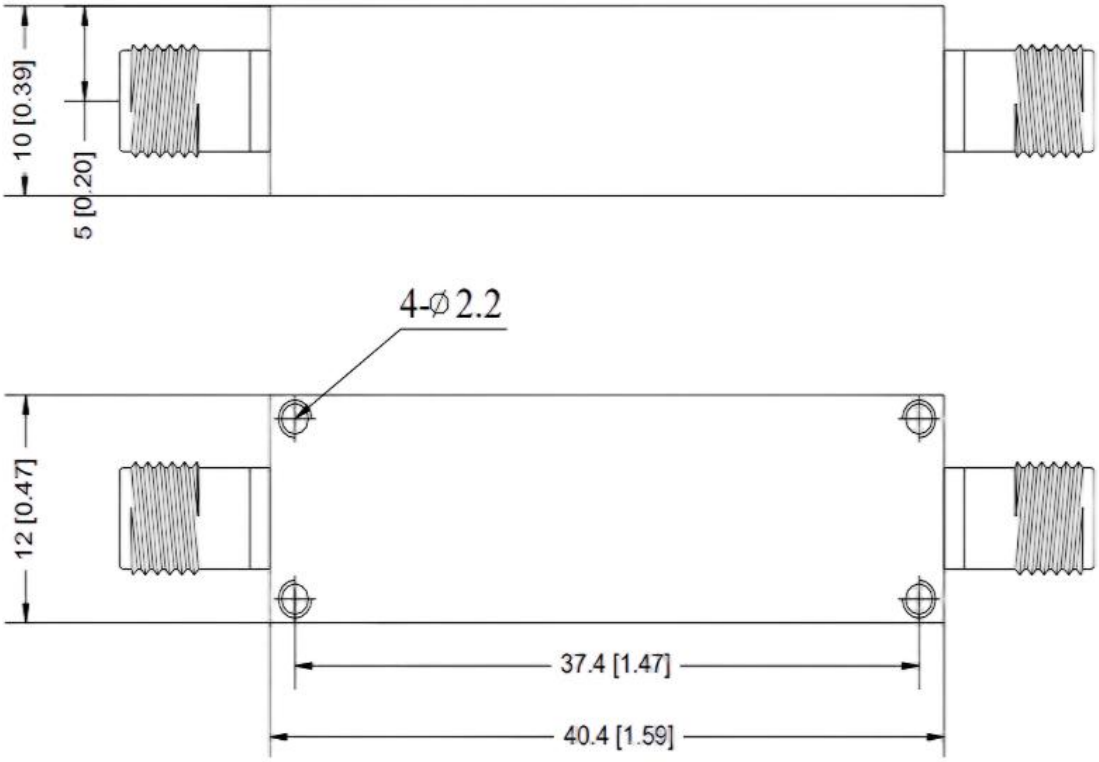
## Envrionmental And Physical Characteristics:

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

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## Outline Drawing:

Unit:mm




## Ordering Information:

| Base Number | Description | Revision |
|---|---|---|
| BPF-165M-2M-L | Coaxial Band-pass Filter,Passband center frequency: 165MHz,Passband Insertion Loss:5dB, SMA Female | Rev.1.0 |