# BPF-287M5-25M-L
# Band Pass Filter
# Center Frequency 287.5 MHz/SMA Female

BPF-287M5-25M-L is a coaxial band-pass filter with a passband center frequency at 287.5 MHz and a rejection frequencies at fc±70MHz. The maximum insertion loss of the filter is 2.6 dB and the minimum rejection is 40 dB.

## Features:

- Passband Center Frequency 287.5 MHz
- High Rejection
- Steep Rejection Skirts

## Applications:

- Instrumentations
- Radar Systems
- System Integrations

## Electrical Characteristics:

| Parameter | Min | Typ | Max | Units |
|---|---|---|---|---|
| Passband Frequency range | 275 | | 300 | MHz |
| Band Width | | | 25 | MHz |
| Insertion Loss(f0) | | | 2.6 | dB |
| Pass Band Ripple | | | 2.3 | dB |
| VSWR | | | 1.6 | :1 |
| Rejection@fc±70MHz | 40 | | | dB |
| Power Handling | | | 2 | W |
| Impedance | 50 | | | Ohms |

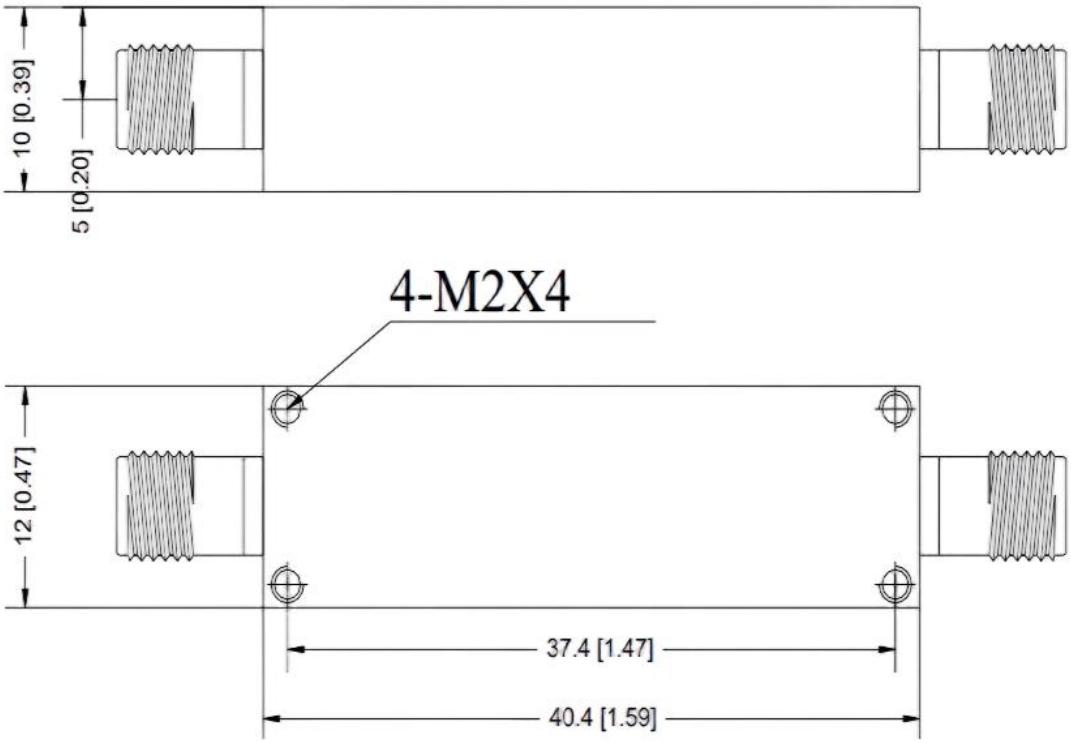
## Envrionmental And Physical Characteristics:

| 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-287M5-25M-L | Coaxial Band-pass Filter,Passband center frequency: 287.5MHz,Insertion Loss(f0):2.6dB, SMA Female | Rev.1.0 |