Datasheet

n257 Band Pass Filter 26.5 to 29.5 GHz

FT-BPF-n257-C

The FT-BPF-n257-C is one of our high frequency band pass filter designed to meet the requirement of low insertion loss and high rejections. The module is designed and packaged in custom miniaturized connectorized package. It is ideal for use in 5G communication, SATCOM or radar applications.

Features

- Low insertion loss
- Excellent return loss
- High stopband rejection
- Compact connectorized package design
- RoHS Compliant

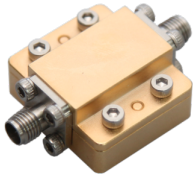

Figure 1. Photo of Filter

Electrical Specifications

Parameter	Condition	Min	Typ	Max	Units
Passband	---	26.5	---	29.5	GHz
Passband Insertion Loss	---	---	4.2	---	dB
Rejection	0 to 24 GHz	---	30	---	dB
	31 to 36 GHz	---	40	---	dB
Passband Return Loss	---	---	12.4	---	dB

Typical Performance

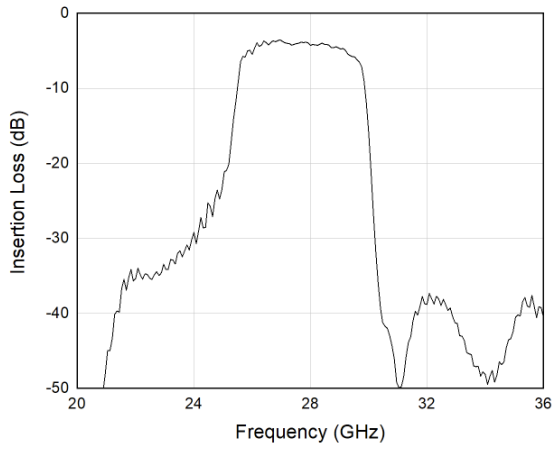

Figure 2. Insertion Loss

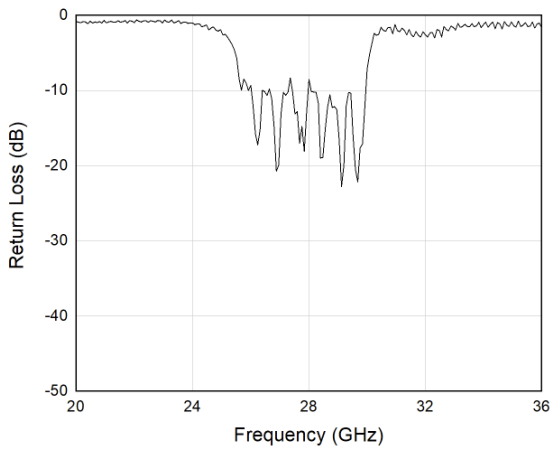

Figure 3. Return Loss

Package Details

Connectorized Package

Module	Connector Type	Length	Width	Height	Unit
FT-BPF-n257-C	2.92 mm female	47.78	29.33	13.74	mm

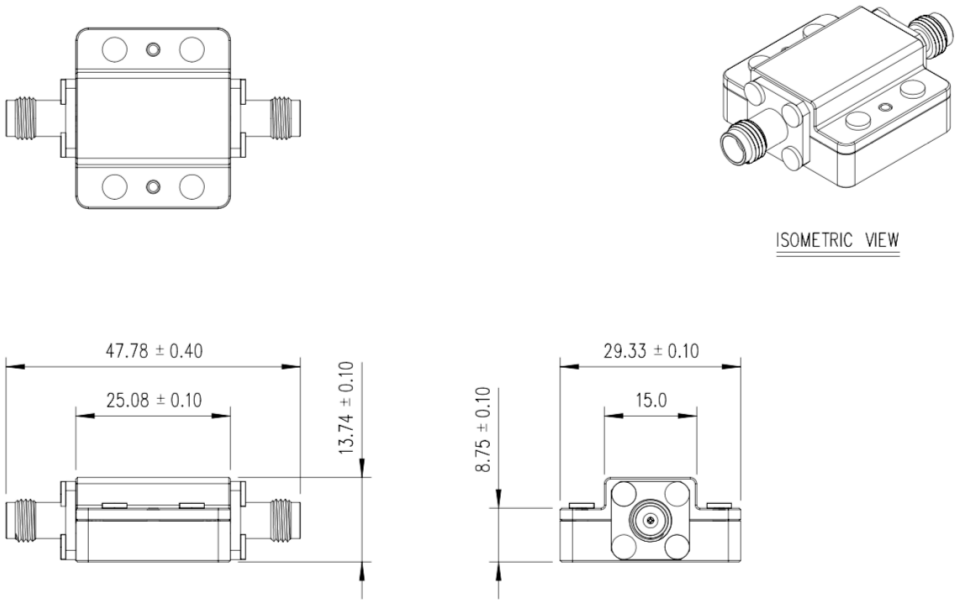

Figure 4. Outline Dimension of Filter

Datasheet

n260 Band Pass Filter 37 to 40 GHz

FT-BPF-n260-C

The FT-BPF-n260-C is one of our high frequency band pass filter designed to meet the requirement of low insertion loss and high rejections. The module is designed and packaged in custom miniaturized connectorized package. It is ideal for use in 5G communication, SATCOM or radar applications.

Features

- Low insertion loss
- Excellent return loss
- High stopband rejection
- Compact connectorized package design
- RoHS Compliant

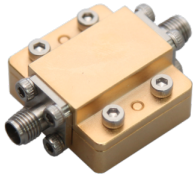

Figure 1. Photo of Filter

Electrical Specifications

Parameter	Condition	Min	Typ	Max	Units
Passband	---	37.0	---	40.0	GHz
Passband Insertion Loss	---	---	3.8	---	dB
Rejection	0 to 34 GHz	---	40	---	dB
	43 to 43.5 GHz	---	30	---	dB
Passband Return Loss	---	---	13.7	---	dB

Typical Performance

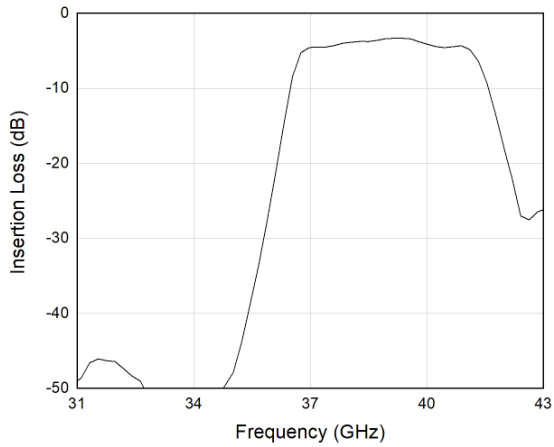

Figure 2. Insertion Loss

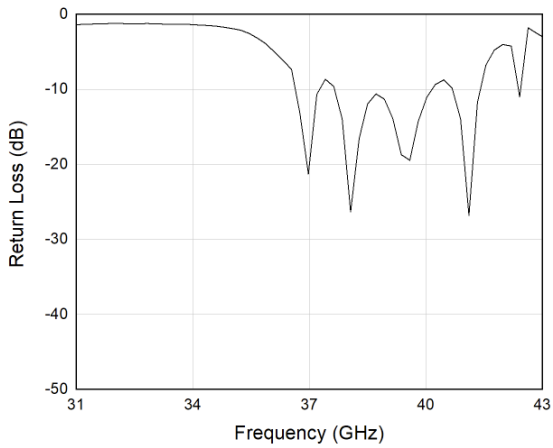

Figure 3. Return Loss

Datasheet

n261 Band Pass Filter 27.5 to 28.5 GHz

FT-BPF-n261-C

The FT-BPF-n261-C is one of our high frequency band pass filter designed to meet the requirement of low insertion loss and high rejections. The module is designed and packaged in custom miniaturized connectorized package. It is ideal for use in 5G communication, SATCOM or radar applications.

Features

- Low insertion loss
- Excellent return loss
- High stopband rejection
- Compact connectorized package design
- RoHS Compliant

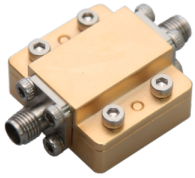

Figure 1. Photo of Filter

Electrical Specifications

Parameter	Condition	Min	Typ	Max	Units
Passband	---	27.5	---	28.5	GHz
Passband Insertion Loss	---	---	4.1	---	dB
Rejection	0 to 26 GHz	---	25	---	dB
	30 to 36 GHz	---	35	---	dB
Passband Return Loss	---	---	15	---	dB

Typical Performance

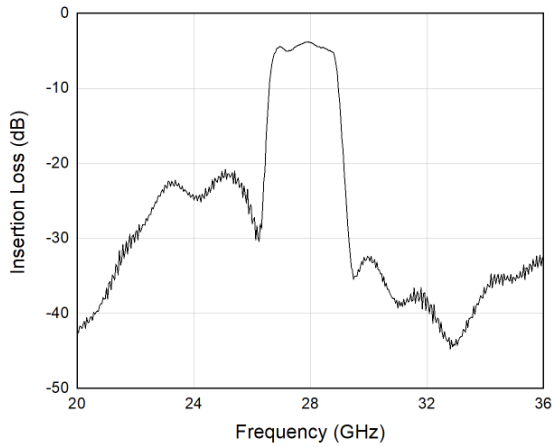

Figure 2. Insertion Loss

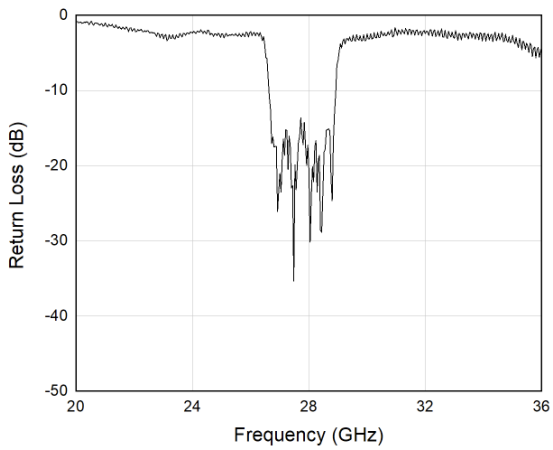

Figure 3. Return Loss

Package Details

Connectorized Package

Module	Connector Type	Length	Width	Height	Unit
FT-BPF-n261-C	2.92 mm female	47.78	29.33	13.74	mm

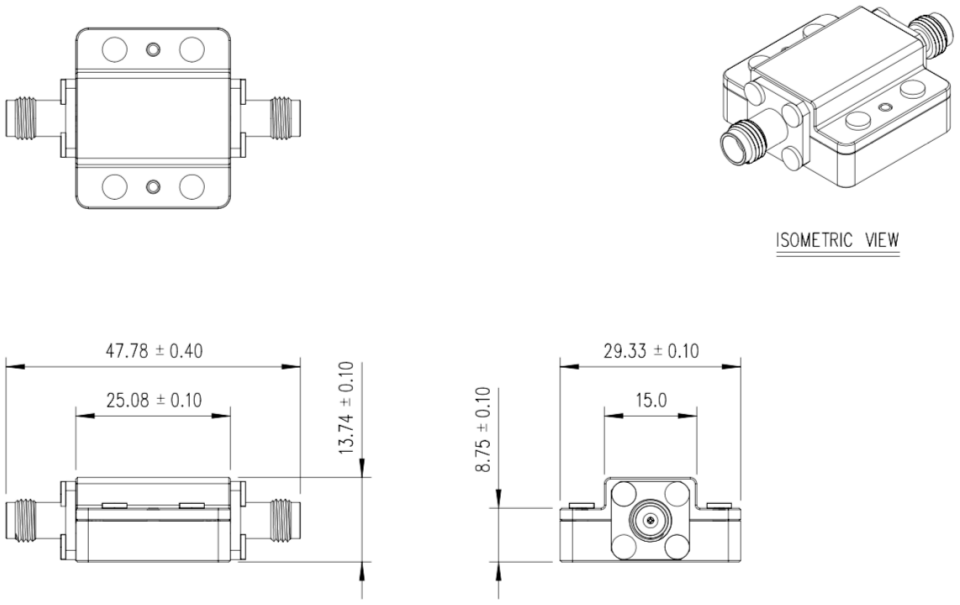

Figure 4. Outline Dimension of Filter

Package Details

Connectorized Package

Module	Connector Type	Length	Width	Height	Unit
FT-BPF-n260-C	2.92 mm female	47.78	29.33	13.74	mm

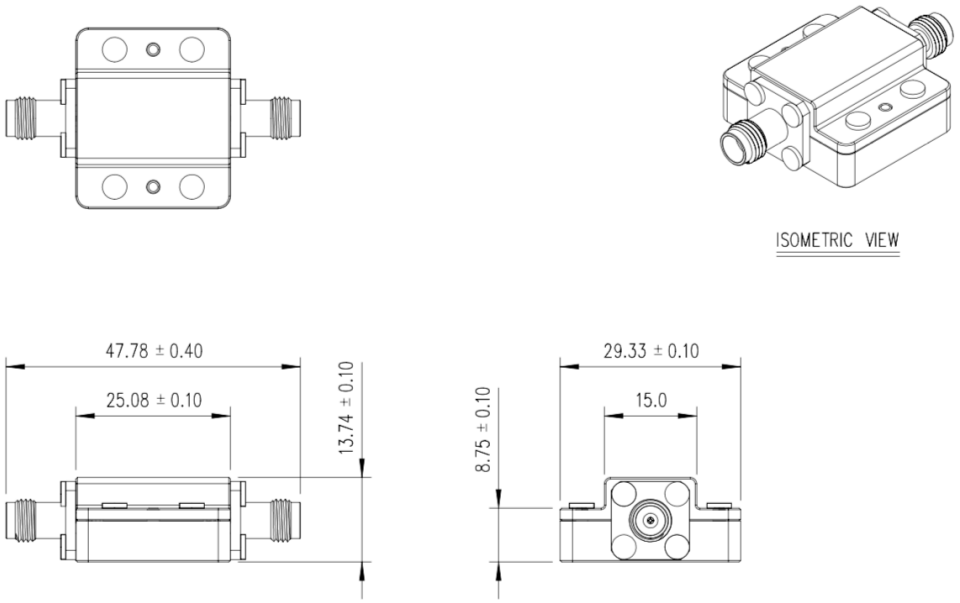

Figure 4. Outline Dimension of Filter