# **TMYTEK**

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	Тур	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**

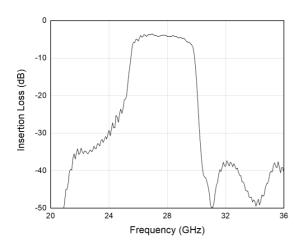


Figure 2. Insertion Loss

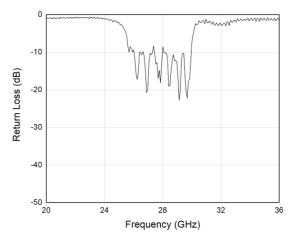


Figure 3. Return Loss

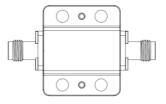


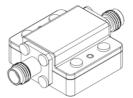
## **Package Details**



#### **Connectorized Package**

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





ISOMETRIC VIEW

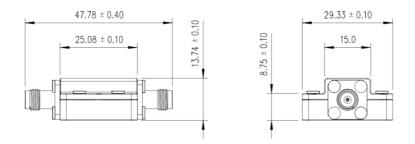


Figure 4. Outline Dimension of Filter