

# Technical proposal for JX-HPF1-3.5G18G-50SF Highpass Filter

- ◆ High Performance
- ◆ High Reliability

## Revision History

Version	Date	Author	Revision description	Comment
V1.0	2022/10/21	Vivian	Created	/

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## 1. Mechanical layout

Table 1 Mechanical specifications

Dimensions	L x W x H: 32.0 x 16.5 x 10.0 mm ( Not including the tuning screws and connectors )
Connector Type	SMA-female
Surface Finish	Black Painting
Notes	Material shall be RoHS 6/6

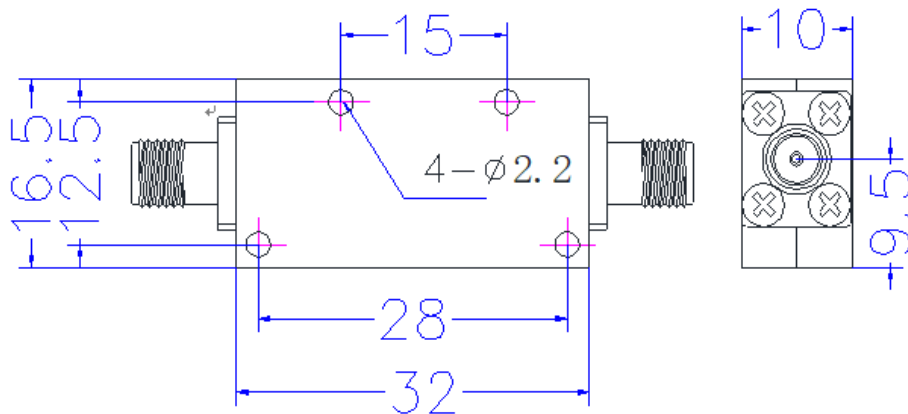


Figure 1 JX-HPF1-3.5G18G-50SF front panel layout

## 2. Electrical specification

Table 2 Electrical specifications

Item	Parameter	Specifications
1	Pass Band	3500-18000MHz
2	Rejection	≥50dB@DC-2480MHz
3	Insertion loss	≤1.5dB
4	VSWR	≤1.5
5	Average Power	≤10W
6	Impedance	50Ω
7	Operational Temperature	Values in Room Temperature
8	Storage Temperature	-40°C to +85°C

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