

Technical proposal for JX-HPF1-6G18G-50S High Pass Filter

◆ Low Insertion Loss

◆ High Rejection

◆ Small Volume

◆ High Reliability

Revision History

Version	Date	Author	Revision description	Comment
V1.0	2019/09/26	Lee	Created	/
V1.1	2020/01/07	Lee	Updated the panel layout	Customer request
V1.2	2020/01/10	Lee	Updated the panel layout	Customer request
V1.3	2020/01/17	Lee	Updated the MTBF of the specification	Customer request

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1. Mechanical layout

Table 1 Mechanical specifications @ JX-HPF1-6G18G-50S

Dimension	LxWxH: 30mm x 22mm x 12mm
Connectors	SMA-Female
Finish	Black paint
Vibration	6Grms/axis, 10min/axis, A total of 3axis
Shock	20G, 11ms sawtooth wave at trailing edge, 3axis6way, 3times/way
Notes	Material shall be RoHS 6/6

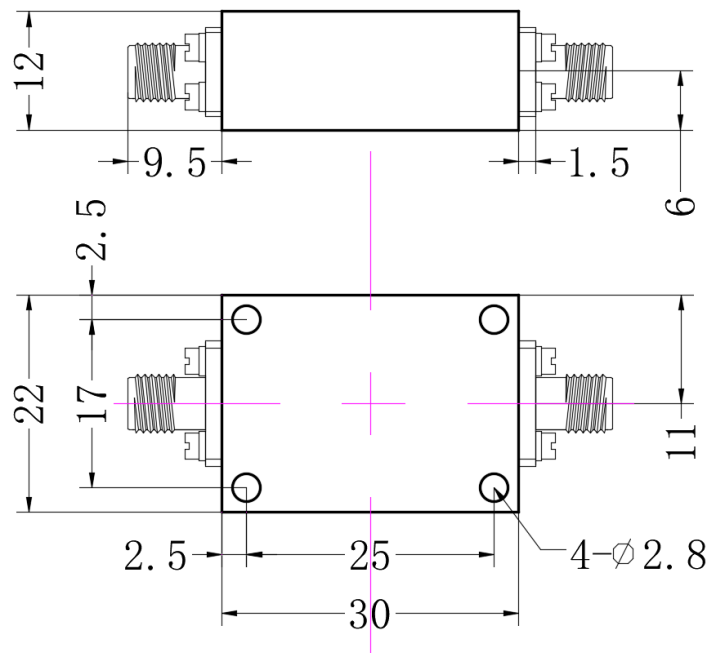


Figure 1 JX-HPF1-6G18G-50S front panel layout

2. Electrical specifications

Table 2 Electrical specifications @ JX-HPF1-6G18G-50S

Item	Parameter	Spec
1	Frequency range	6-18GHz
2	Insertion loss	≤1.0dB
3	VSWR	≤1.8
4	Rejection	≥50dB@DC-5.1GHz
5	Impedance all ports	50ohm
6	MTBF	>10 years

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