



Document	Document Number	Revision	Date
Spec Sheet	FAB440500A01	A	11-Aug-2020

## BPF

**P/N : FAB440500A01**

### Contents

1. Electrical Specifications
2. Simulation Data
3. Mechanical Specification

Revision	Description	Date
A	Initial Release	11-Aug-2020

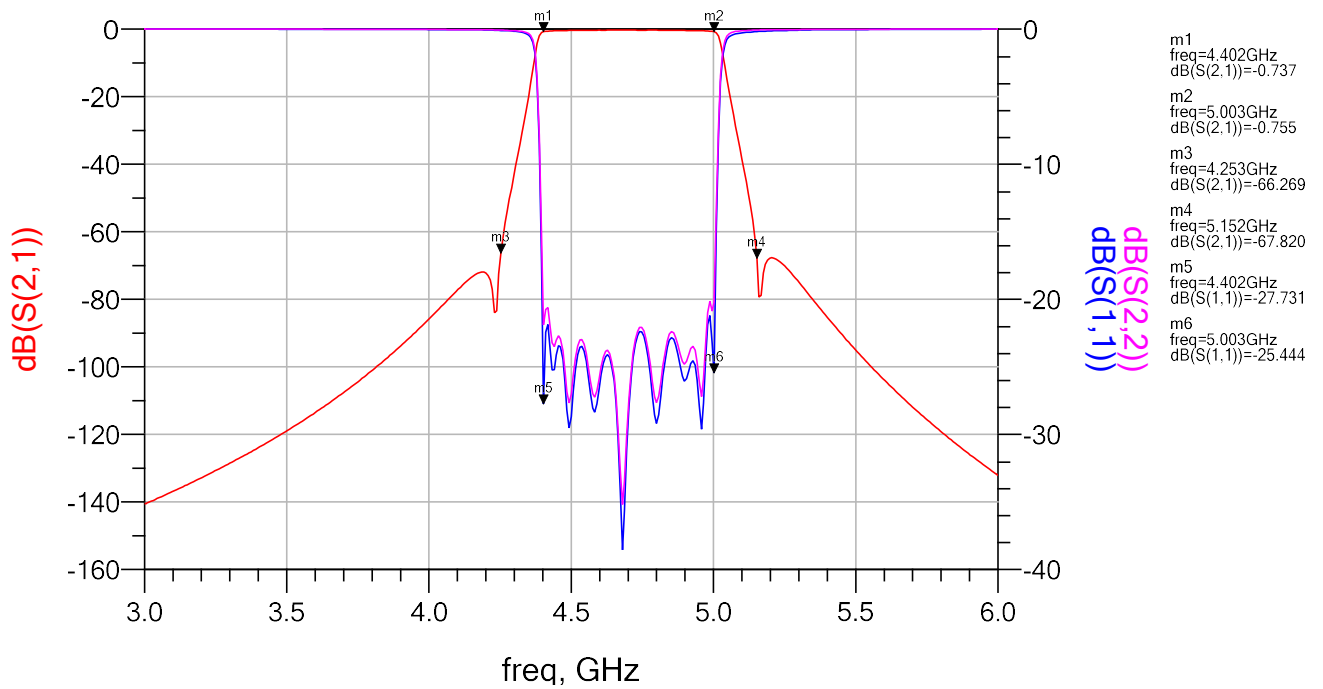


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## 1. Electrical Specifications

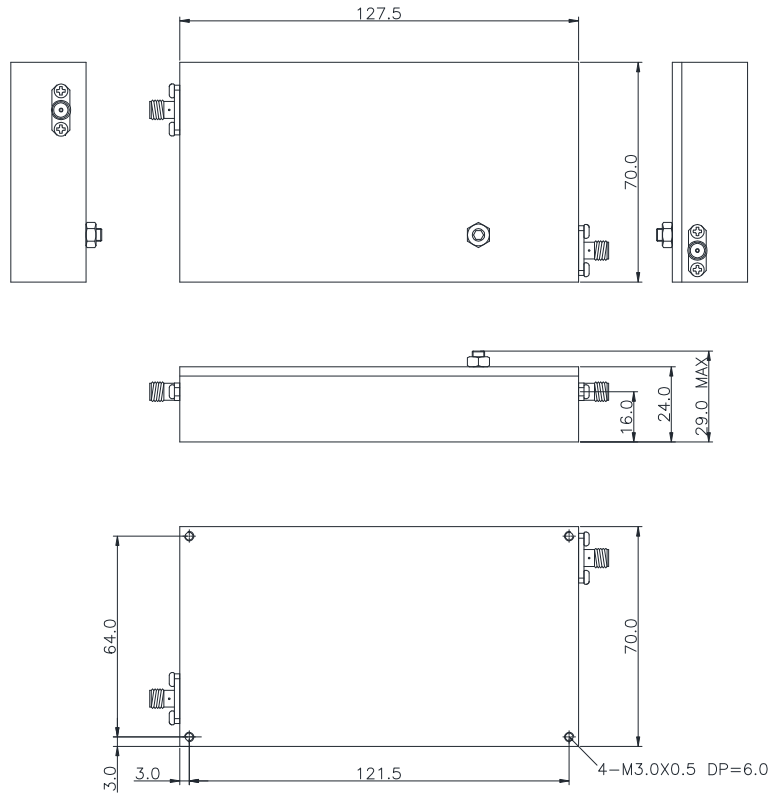
Parameter	Specification	Simulation	Proposal
Pass Band	4400 ~ 5000MHz	4400 ~ 5000MHz	OK
Insertion Loss	1 ~ 2dB max.	0.75	2.0dB max.
Return Loss	-	20.0	15.0dB min
Attenuation	100.0dB min @ DC ~4250MHz	66.26	60.0dB
	1000.0dB min @5150 ~ 12750MHz	67.82	60.0dB
Input Output Impedance	50Ω	-	OK
Power Handling	100W CW Max	-	OK

## 2. Simulation Data



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### 3. Mechanical Specification



Parameter	Specification	Proposal
Dimension	127.5x 70.0 x 29.0 Max (Unit : mm)	OK
Mounting Points	See Outline Drawing	OK
RF Connector	IN- SMA , OUT SMA	OK
Connector Position	See Outline Drawing	OK
Finish	Black Color Epoxy Coating	OK



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