



Document	Document Number	Revision	Date
Spec Sheet	FAB240248A02	A	18-Feb-2020

## BPF

**P/N : FAB240248A02**

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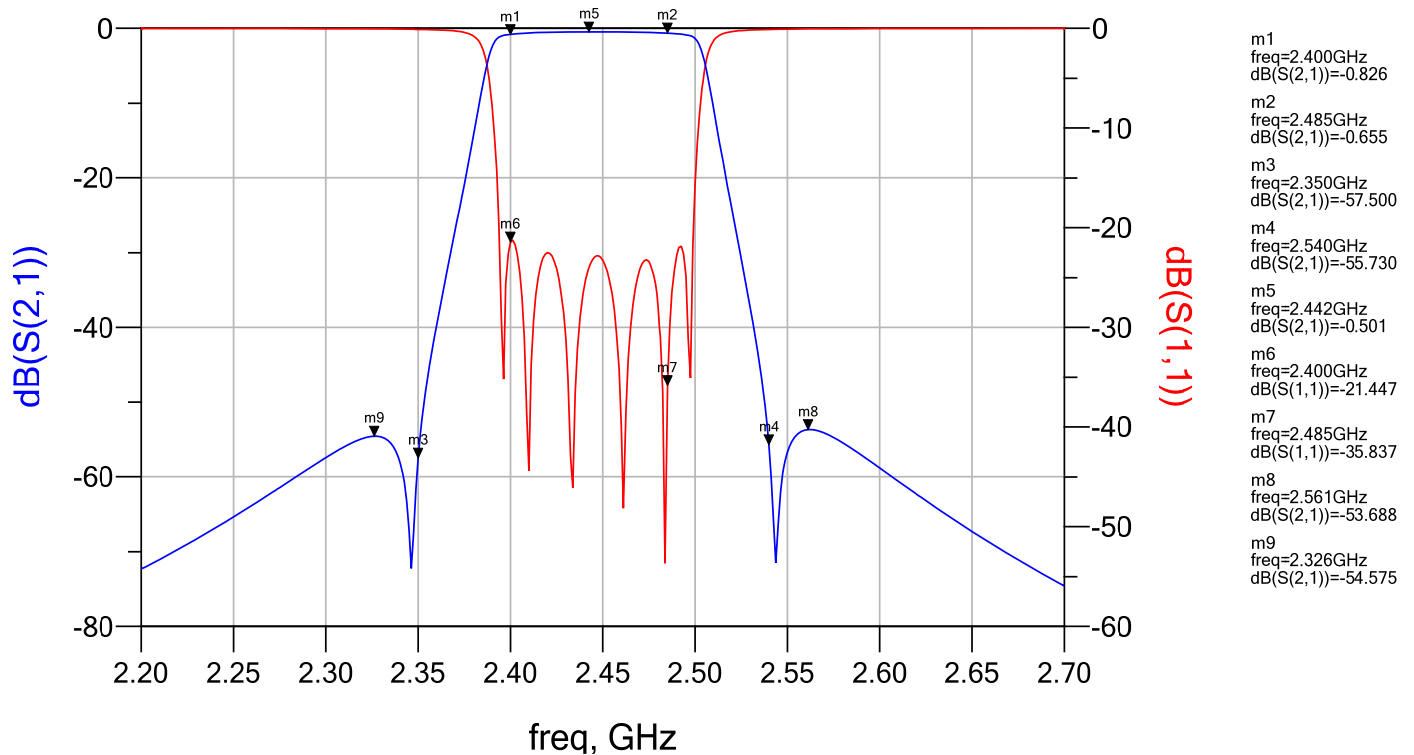
Revision	Description	Date
A	Initial Release	18-Feb-2020

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## 1. Electrical Specifications

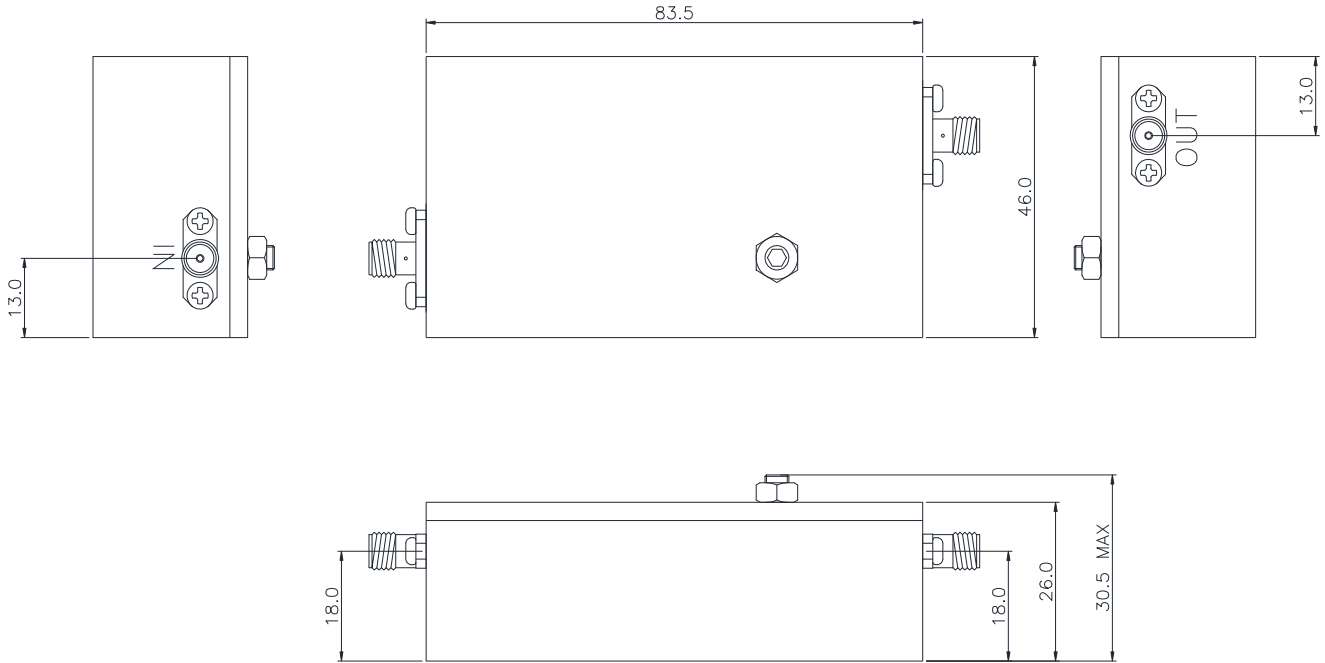
Parameter	Specification	Simulation	Proposal
Pass Band	2400~ 2485MHz	2400~ 2485MHz	OK
Insertion Loss	1.5dB max.	0.83	OK
Passband Ripple	0.5dB max.	0.33	OK
Return Loss	15.0 dB min	22.0	OK
Attenuation	50.0dB min @2350MHz	54.5	OK
	50.0dB min @ 2540MHz	53.6	OK
Input Output Impedance	50Ω	-	OK
Power Handling	50W CW	-	OK
Operating temperature	-55 ~ +85 °C		OK

## 2. Simulation Data



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### 3. Mechanical Specification



Parameter	Specification	Proposal
Dimension	83.5.0x 46.0 x 30.5.0 Max (Unit : mm)	OK
Mounting Points	See Outline Drawing	OK
RF Connector	SMA Female	OK
Connector Position	See Outline Drawing	OK
Finish	Black Color Epoxy Coating	OK