



Document	Document Number	Revision	Date
Spec Sheet	FABB48A07	A	24-Nov-2020

Band48 BPF

P/N : FABB48A07

Contents

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

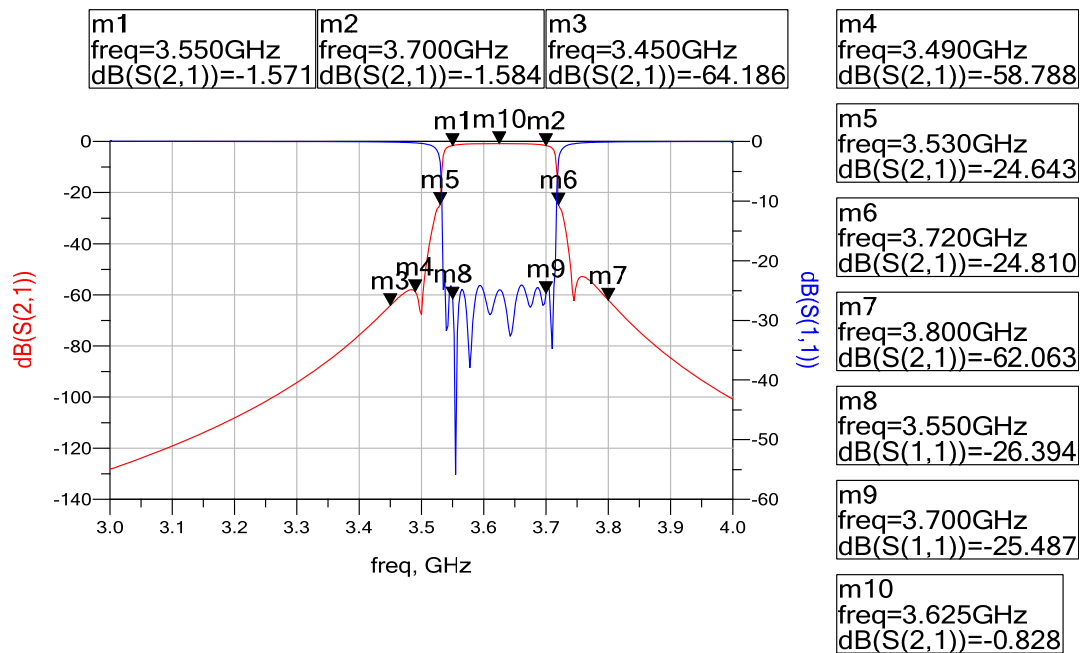
Revision	Description	Date
A	Initial Release	24-Nov-2020

Document	Document Number	Revision	Date
Spec Sheet	FABB48A07	A	24-Nov-2020

1. Electrical Specifications

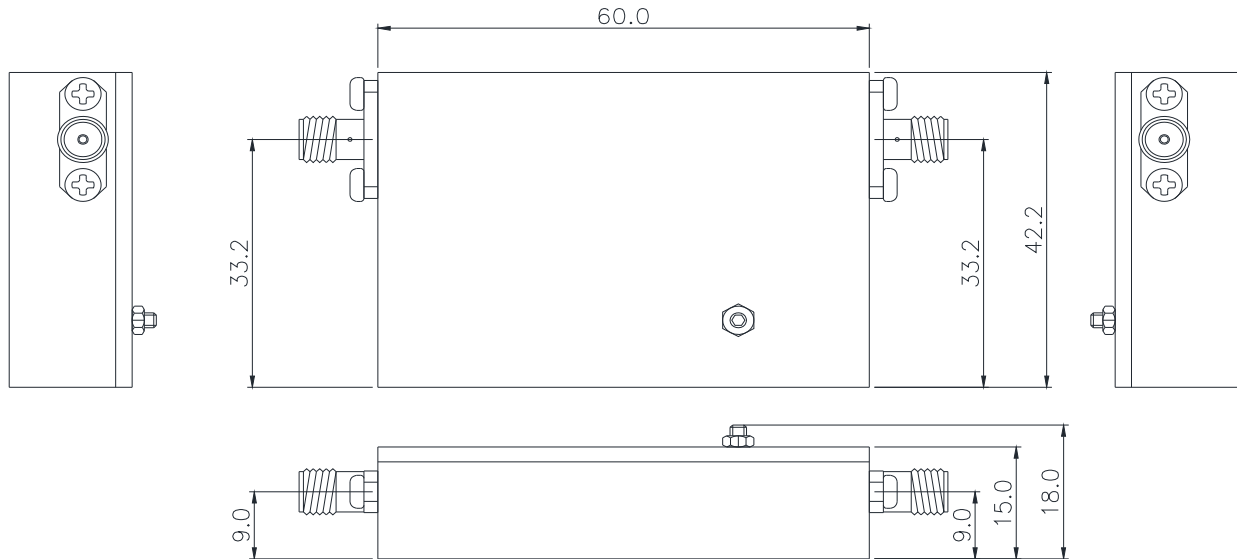
Parameter	Specification	Simulation	Proposal
Pass Band	3550 ~ 3700MHz	3550 ~ 3700MHz	OK
Insertion Loss	0.8dB max.	1.58	1.8dB max.
Ripple	0.5dB max.	0.76	0.9dB max.
Return Loss	15dB min	22.0	OK
Attenuation	60.0dB min @DC ~ 3450MHz	64.18	OK
	35.0dB min @3300MHz ~ 3490MHz	58.78	OK
	25.0dB min @ 3530MHz	24.64	20.0dB min
	25.0dB min @ 3720MHz	24.81	20.0dB min
	50.0dB min @3800MHz ~ 5850MHz	62.06	OK
	60.0dB min @7100MHz ~ 7400MHz	-	OK
Temperature	-	-	-30°C - +70°C
Input Output Impedance	50Ω	-	OK
Power Handling	7W CW	-	OK

2. Simulation Data



Document	Document Number	Revision	Date
Spec Sheet	FABB48A07	A	24-Nov-2020

3. Mechanical Specification



Parameter	Specification	Proposal
Dimension	60.0 x 42.2 x 18.0 Max (Unit : mm)	OK
Mounting Points	See Outline Drawing	OK
RF Connector	IN-SMA female, OUT- SMA female	OK
Connector Position	See Outline Drawing	OK