



Document	Document Number	Revision	Date
Spec Sheet	FABB48A04	E	03-Mar-2020

Band48 BPF

P/N : FABB48A04

Contents

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

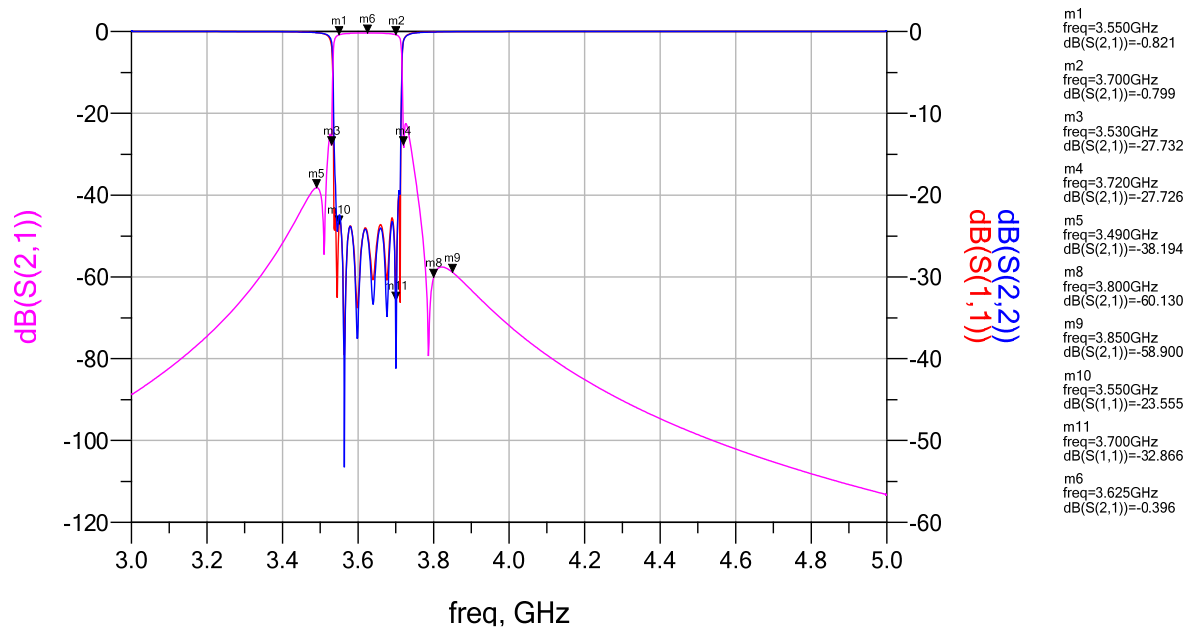
Revision	Description	Date
A	Initial Release	24-Dec-2018
B	Insertion Loss changed, Attenuation delete	24-Dec-2018
C	Dimension changed	11-Jan-2019
D	Dimension changed	02-Mar-2020
E	Proposal changed	03-Mar-2020

Document	Document Number	Revision	Date
Spec Sheet	FABB48A04	E	03-Mar-2020

1. Electrical Specifications

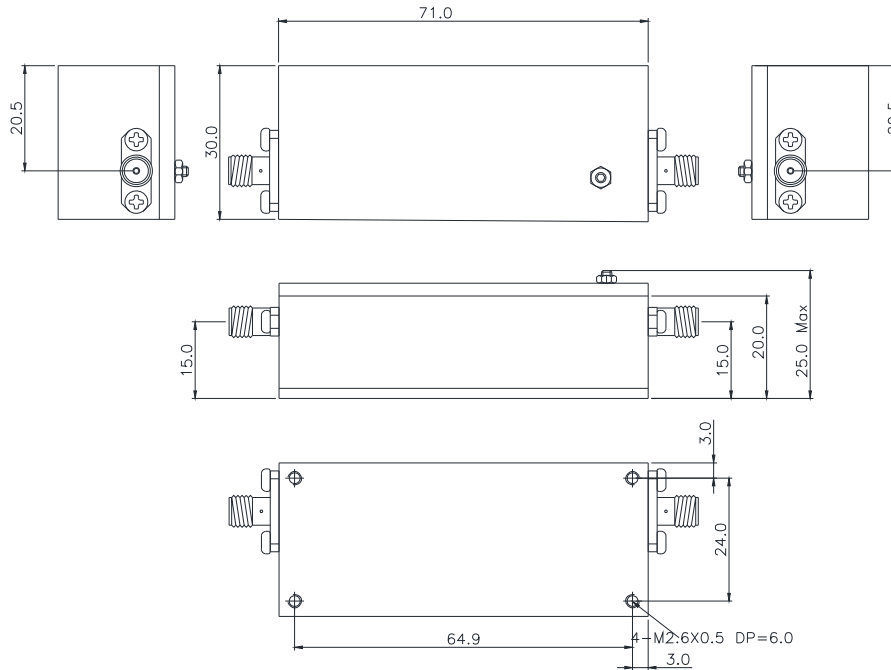
Parameter	Specification	Simulation	Proposal
Pass Band	3550 ~ 3700MHz	3550 ~ 3700MHz	OK
Insertion Loss	0.8dB max.	0.82	1.0dB max
Ripple	0.5dB max.	0.40	OK
Return Loss	20dB min	22	OK
Attenuation	35.0dB min @3300MHz ~ 3490MHz	38.19	OK
	25.0dB min @ 3530MHz	27.72	OK
	25.0dB min @ 3720MHz	27.19	OK
	50.0dB min @3800MHz ~ 5850MHz	60.13	OK
	60.0dB min @7100MHz ~ 7400MHz	-	OK
Temperature	-30°C - +70°C	-	OK
Input Output Impedance	50Ω	-	OK
Power Handling	10W CW , Peak 100W	-	OK

2. Simulation Data



Document	Document Number	Revision	Date
Spec Sheet	FABB48A04	E	03-Mar-2020

3. Mechanical Specification



Parameter	Specification	Proposal
Dimension	71.0x 30.0 x 25 Max (Unit : mm)	OK
Mounting Points	See Outline Drawing	OK
RF Connector	IN-SMA Type, OUT- SMA TYPE	OK
Connector Position	See Outline Drawing	OK
Finish	Black Color Epoxy Coating	OK