



Document	Document Number	Revision	Date
Spec Sheet	FABB48A01	B	09-Jan-2019

Band48

BPF

P/N : FABB48A01

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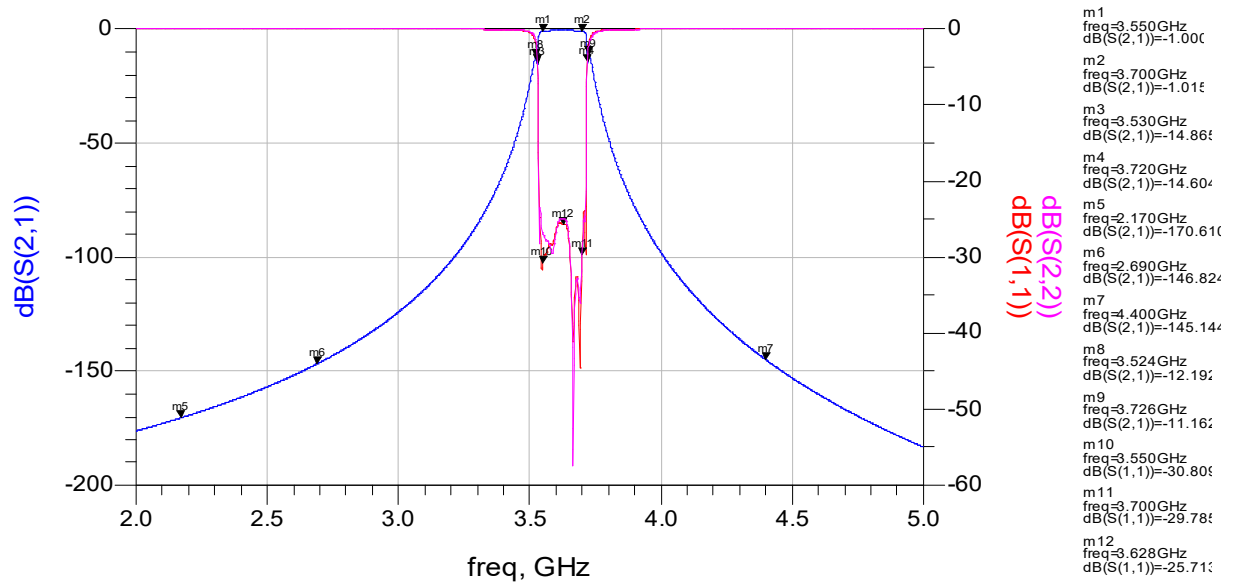
Revision	Description	Date
A	Initial Release	03-Jul-2017
B	Specification change ,	09-Jan-2019

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1. Electrical Specifications

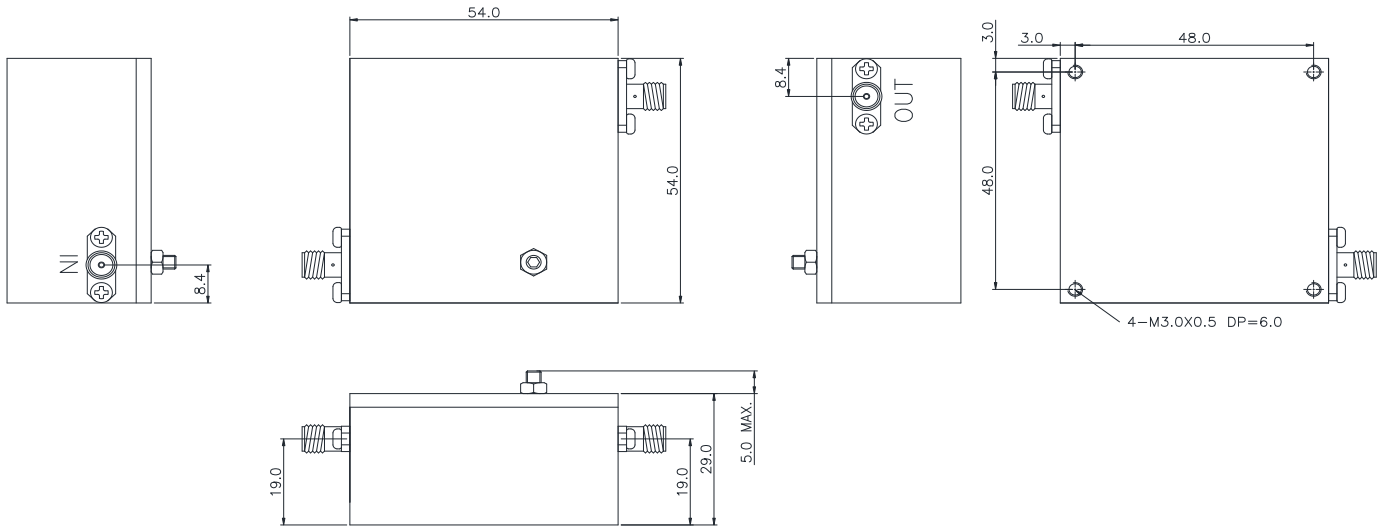
Parameter	Specification	Simulation	Proposal
Pass Band	3550 ~ 3700MHz	3400 ~ 3600MHz	OK
Insertion Loss	1.0dB max.	1.01	1.2dB max
Return Loss	15.0dB min	25.71	OK
Attenuation	80.0dB min @10 MHz~ 2170MHz	-	OK
	60.0dB min @2300MHz ~ 2690MHz	-	OK
	10.0dB min @ 3530MHz	12.19	OK
	10.0dB min @ 3720MHz	11.16	OK
	50.0dB min @4400MHz ~ 4900MHz	-	OK
	60.0dB min @6900MHz ~ 7500MHz	-	OK
	55.0dB min @10300MHz ~ 11300MHz	-	30dB min
	55.0dB min @13800MHz ~ 15000MHz	-	30dB min
Temperature	-30°C - +85°C	-	OK
Input Output Impedance	50Ω	-	OK
Power Handling	10W CW , Peak 100W	-	OK

2. Simulation Data



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3. Mechanical Specification



Tolerance: +/-0.1 mm

Parameter	Specification	Proposal
Dimension	54.0x 54.0 x 36.0 Max (Unit : mm)	OK
Mounting Points	See Outline Drawing	OK
RF Connector	OUT-SMA Female / IN- SMA Female	OK
Connector Position	See Outline Drawing	OK
Finish	Black Color Epoxy Coating	OK