



Document	Document Number	Revision	Date
Spec Sheet	FABB48A06	A	25-May-2020

Band48 BPF

P/N : FABB48A06

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Revision	Description	Date
A	Initial Release	25-May-2018

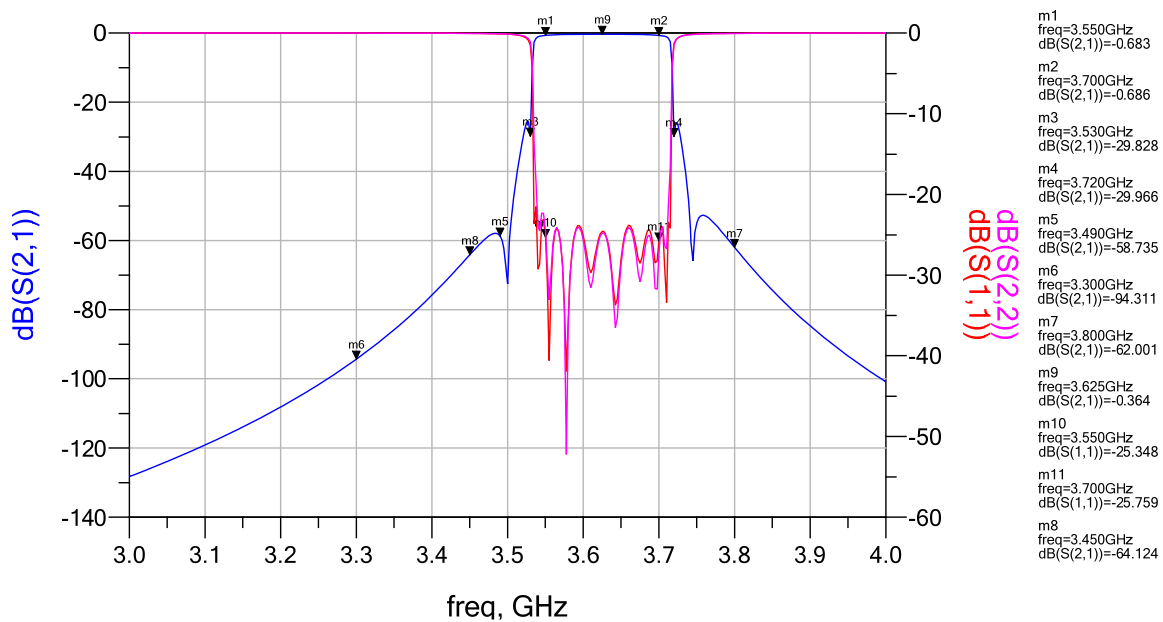


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1. Electrical Specifications

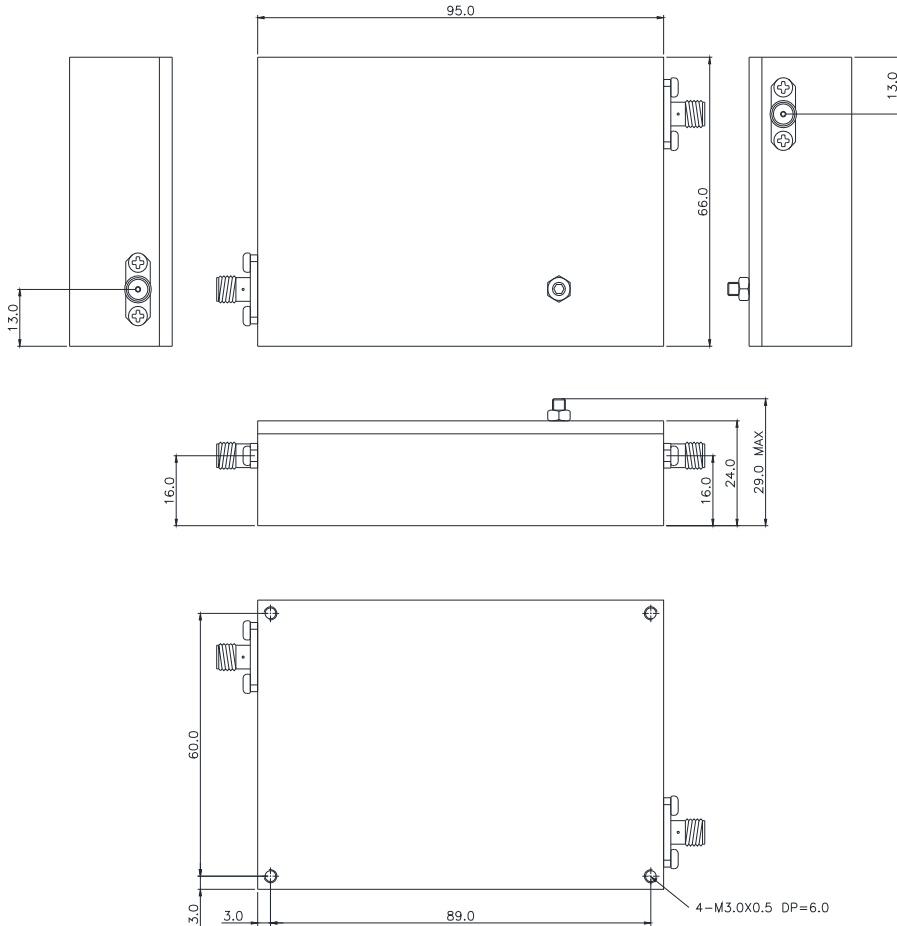
Parameter	Specification	Simulation	Proposal
Pass Band	3550 ~ 3700MHz	3550 ~ 3700MHz	OK
Insertion Loss	0.8dB max.	0.68	OK
Ripple	0.5dB max.	0.33	OK
Return Loss	15dB min	22.0	OK
Attenuation	60.0dB min @DC ~ 3450MHz	64.0	OK
	35.0dB min @3300MHz ~ 3490MHz	58.73	OK
	25.0dB min @ 3530MHz	29.82	OK
	25.0dB min @ 3720MHz	29.96	OK
	50.0dB min @3800MHz ~ 5850MHz	62.0	OK
	60.0dB min @7100MHz ~ 7400MHz	-	OK
Temperature	-	-	-30°C - +70°C
Input Output Impedance	50Ω	-	OK
Power Handling	10W CW , Peak 100W	-	OK

2. Simulation Data



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3. Mechanical Specification



Parameter	Specification	Proposal
Dimension	95.0x 66.0 x 29.0 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
Finish	Black Color Epoxy Coating	OK