



Document	Document Number	Revision	Date
Spec Sheet	FABB42A06	A	26-July-2019

BPF

P/N : FABB42A06

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Revision	Description	Date
A	Initial Release	26-July-2019

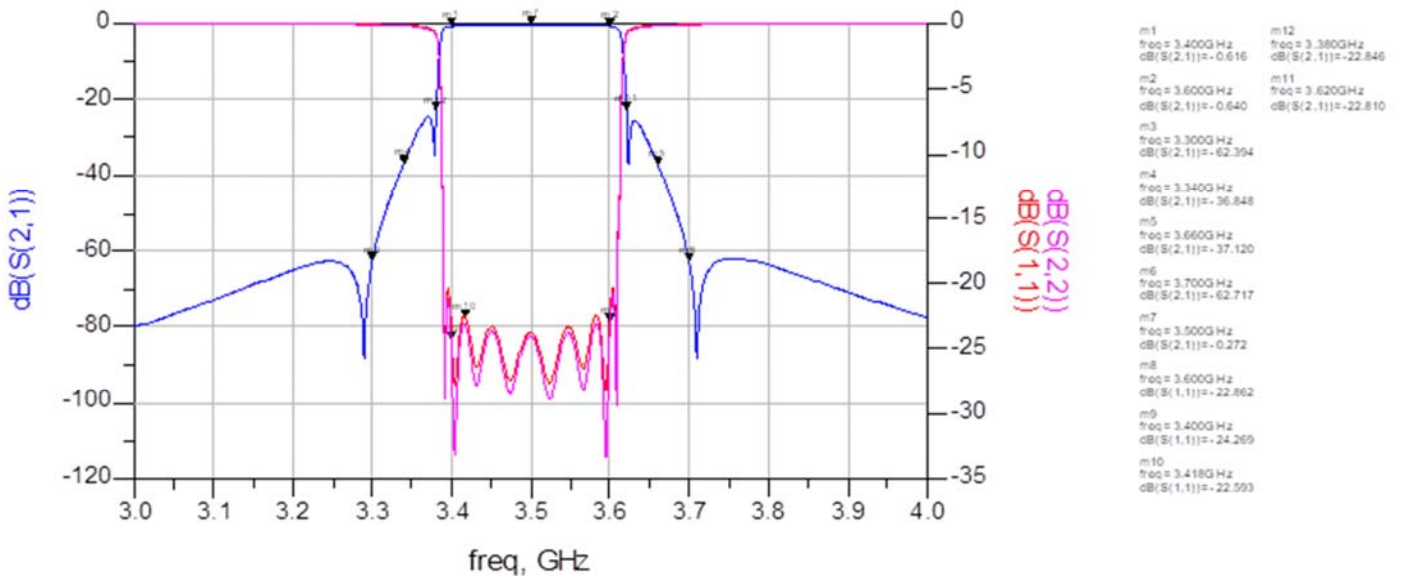


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1. Electrical Specifications

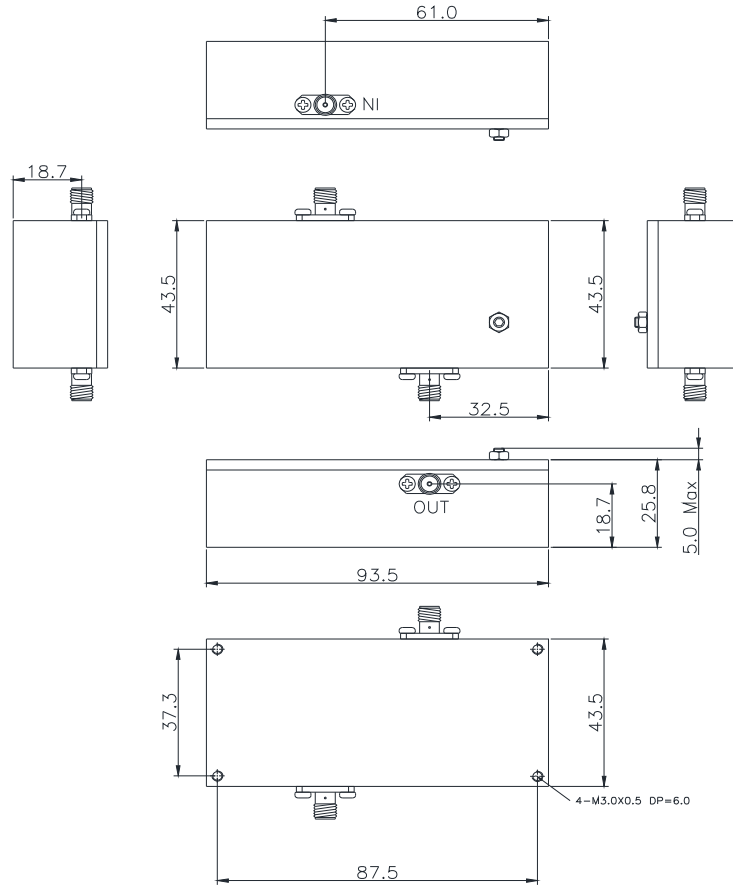
Parameter	Specification	Simulation	Proposal
Pass Band	3400 ~ 3600MHz	3400 ~ 3600MHz	OK
Insertion Loss	0.8dB max.	0.64	1.0dB max
Ripple	1.0dB max.	0.48	0.6dB max.
Return Loss	12dB min.	22.65	18dB min.
Isolation (Tx-Rx)	-	-	18dB min.
Attenuation	60.0dB min. @DC ~ 3300MHz	62.39	OK
	35.0dB min. @3300MHz ~ 3340MHz	36.84	OK
	20.0dB min. @ 3380MHz	22.84	OK
	20.0dB min. @ 3620MHz	22.81	OK
	35.0dB min. @ 3660MHz	37.12	OK
	50.0dB min. @ 3700MHz	62.71	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	93.5x 43.5 x 30.8 Max (Unit : mm)	OK
Mounting Points	See Outline Drawing	OK
RF Connector	Out-SMA Type, IN -SMA	OK
Connector Position	See Outline Drawing	OK
Finish	Black Color Epoxy Coating	OK