



Document	Document Number	Revision	Date
Spec Sheet	FABB42A04	B	08-Jan-2018

## Band Pass Filter

**P/N : FABB42A04**

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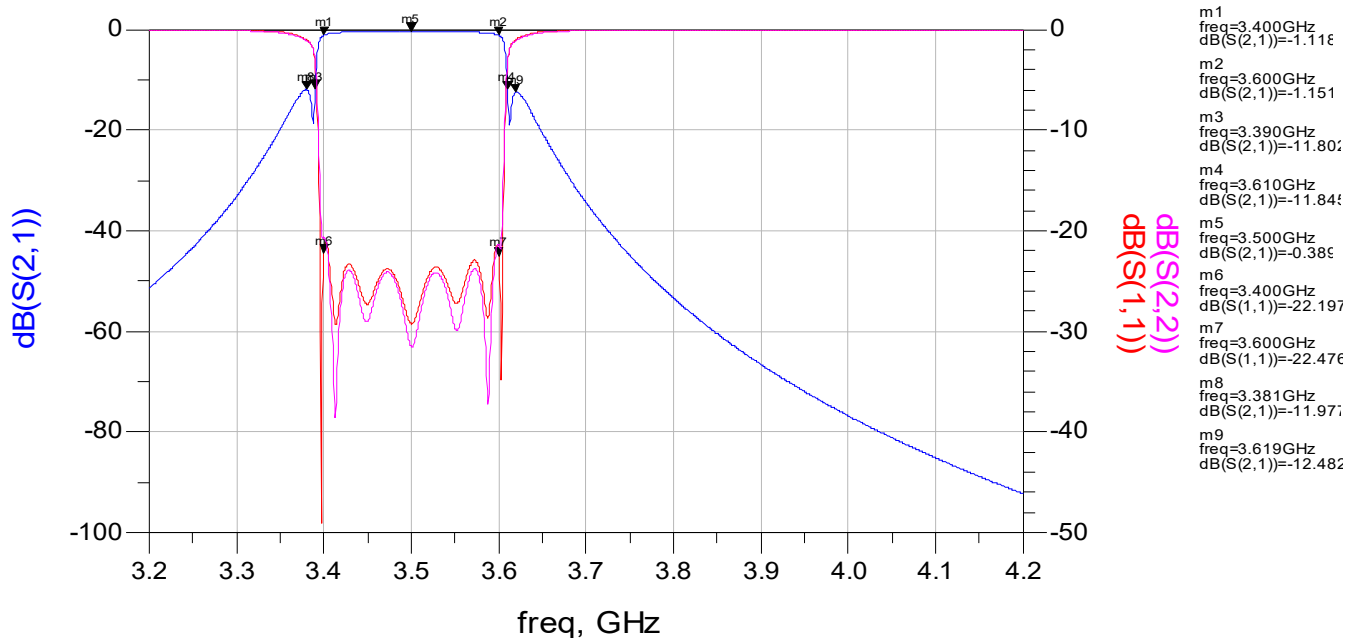
Revision	Description	Date
<b>A</b>	Initial Release	19-Dec-2018
<b>B</b>	Specification Changed (Attenuation 3340MHz -> 3390MHz, 3660MHz -> 3610MHz)	08-Jan-2018

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## 1. Electrical Specifications

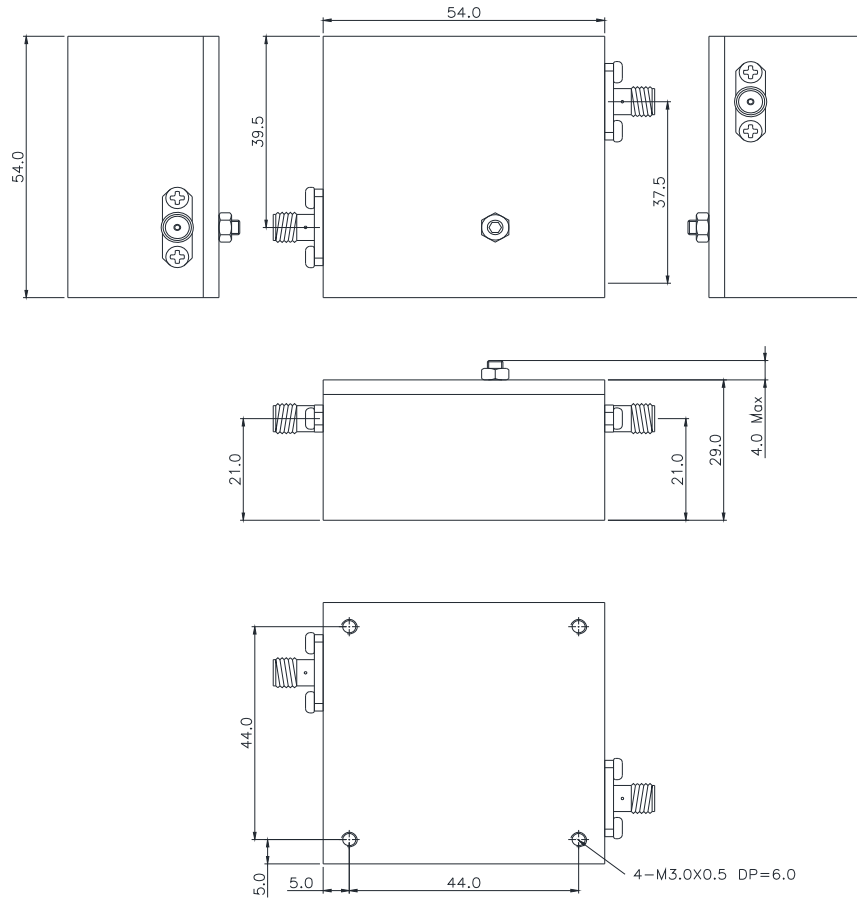
Parameter	Specification	Simulation	Proposal
Pass Band	3400 ~ 3600MHz	3400 ~ 3600MHz	
Insertion Loss	1.0dB max.	1.15	1.3dB
Return Loss	18dB min	22.19	OK
Attenuation	35.0dB min @ 3340MHz	45.91	delete
	35.0dB min @ 3660MHz	46.91	delete
	10.0dB min @ 3390MHz	11.80	10 dB
	10.0dB min @ 3610MHz	11.84	10 dB
Temperature	-30°C - +70°C	-	OK
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	54.0x 54.0 x 33.0 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