



Document	Document Number	Revision	Date
Spec Sheet	FAB355370A03	B	03-Apr-2019

Band Pass Filter

P/N : FAB355370A03

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Revision	Description	Date
A	Initial Release	31-Jan-2018
B	Test Data added	03-Apr-2019

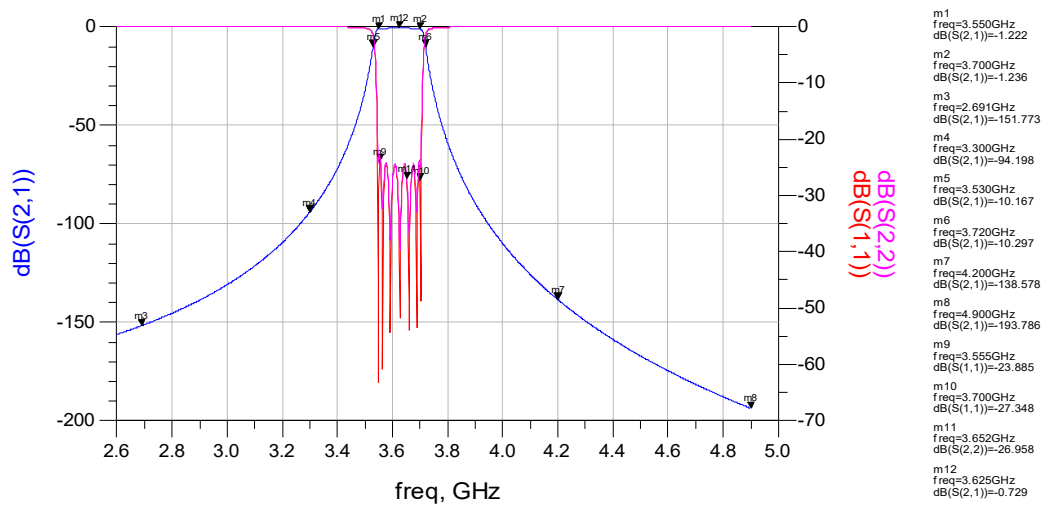


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1. Electrical Specifications

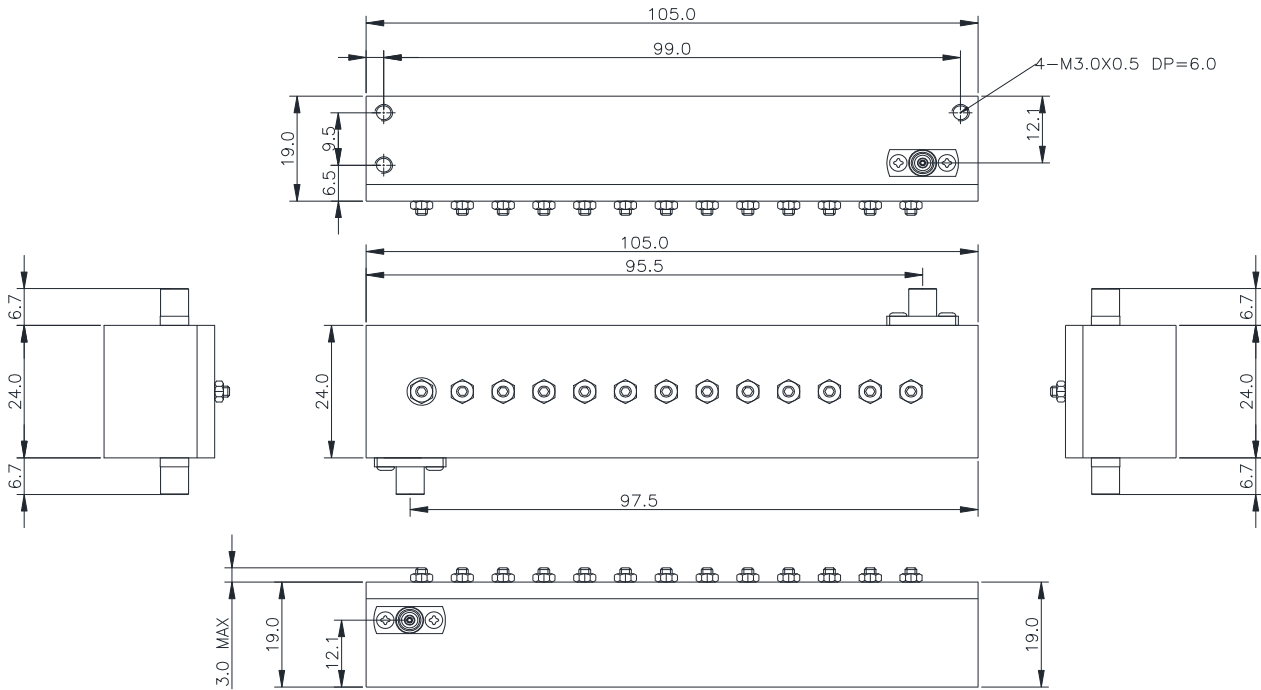
Parameter	Specification	Simulation	Test data	Proposal
Center frequency	3625MHZ			OK
Pass Band	3550 ~ 3700MHz			OK
Insertion Loss	1.0dB max.	1.23	0.97	1.15dB max
Return Loss	10dB min.	23.8	18.9	18dB min.
Ripple	1.0dB max.	0.5	0.3	OK
Attenuation	40.0dB min @ 1.0MHz ~2690MHz	-	81.5	OK
	25.0dB min @ 2690MHz~3300MHz	97.18	84.2	OK
	6.0dB min @ 3300MHz~3530MHz	10.16	6.19	OK
	6.0dB min @ 3720MHz~4200MHz	10.29	6.16	OK
	30.0dB min @ 4200MHz~4900MHz	-	100.4	OK
	30.0dB min @ 4900MHz~5850MHz	-	98.4	OK
	- @7100MHz~7400MHz	-	99.6	80dB min.
Temperature	-30°C - +60°C	-	101.9	OK
Input Output Impedance	50Ω	-	99.7	OK
Power Handling	2W	-	96.8	OK

2. Simulation Data



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3. Mechanical Specification



Tolerance: +/-0.15 mm

Parameter	Specification	Proposal
Dimensions	24.0*105*22.0	OK
Mounting Points	See Outline Drawing	OK
RF Connector	SMP MCX Type	OK
Connector Position	See Outline Drawing	OK
Finish	Copper plate	OK

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4. Test Data

