



Document	Document Number	Revision	Date
Spec Sheet	FCB139142A01	D	27-Apr-2020

BPF

P/N : FCB139142A01

Contents

1. Electrical Specifications
2. Test Data
3. Mechanical specifications

Revision	Description	Date
A	Initial Release	06-Mar-2020
B	Test Data Added	17-Mar-2020
C	Specification Changed	10-Apr-2020
D	Test Data Added (200 ~ 3000MHz)	27-Apr-2020

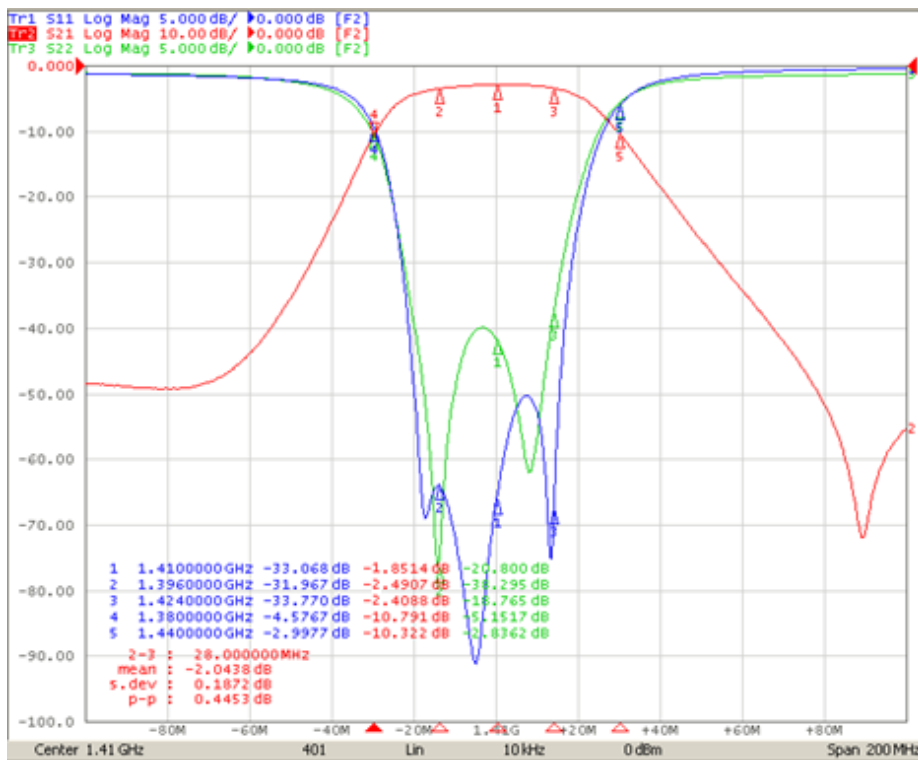


Document	Document Number	Revision	Date
Spec Sheet	FCB139142A01	D	27-Apr-2020

1. Electrical Specifications

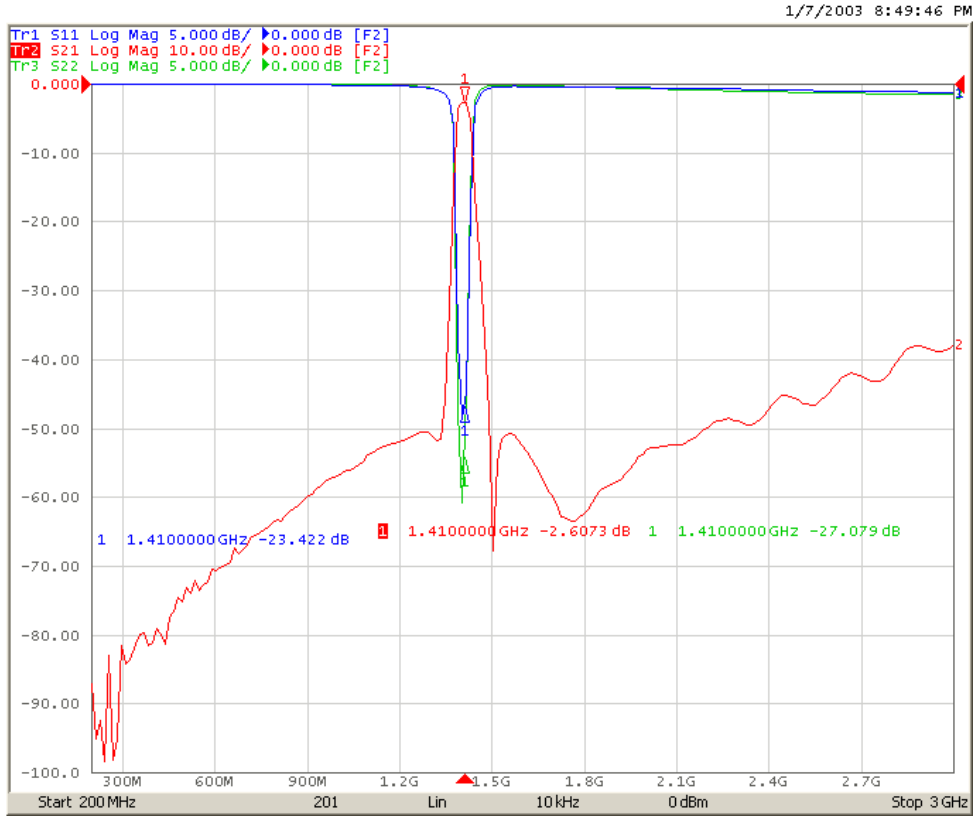
Parameter	Specification	Simulation data	Proposal
Center frequency	1410 MHz	-	OK
Bandwidth	1396MHz~1424MHz	-	OK
Insertion Loss	3.0 dB max.	2.49	OK
Ripple	1.0 dB max.	0.44	OK
Return Loss	15.0 dB min. 14.0 dB min	18.76	OK
Attenuation	45dB min @ Fc-70MHz 9dB min @ Fc±30MHz	10.79 / 10.32	OK
Temperature	-40°C ~ +85°C	-	OK
Input Output Impedance	50Ω	-	OK
Input power	3-W 33 dBm max.	-	OK

2. Test Data





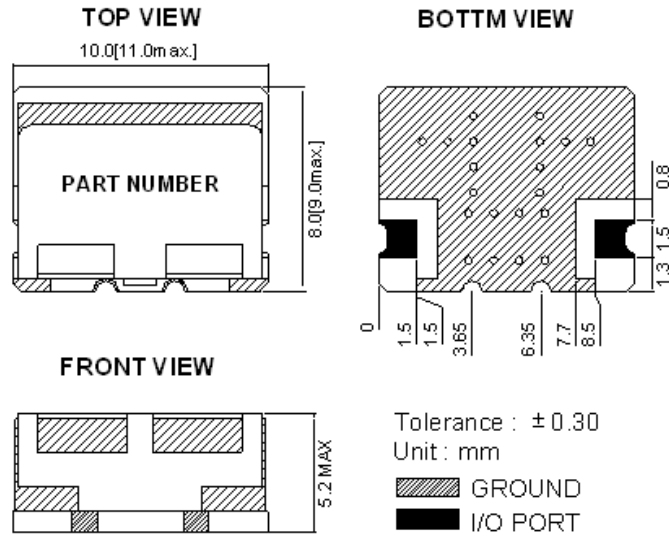
Document	Document Number	Revision	Date
Spec Sheet	FCB139142A01	D	27-Apr-2020



<200MHz ~ 3000MHz>

Document	Document Number	Revision	Date
Spec Sheet	FCB139142A01	D	27-Apr-2020

3. Mechanical specifications



Parameter	Specification	Proposal
Dimension	10.0*8.0*4.0	10.0*8.0*5.2