



Document	Document Number	Revision	Date
Spec Sheet	FCB160190A02	A	19-May-2020

BPF

P/N : FCB160190A02

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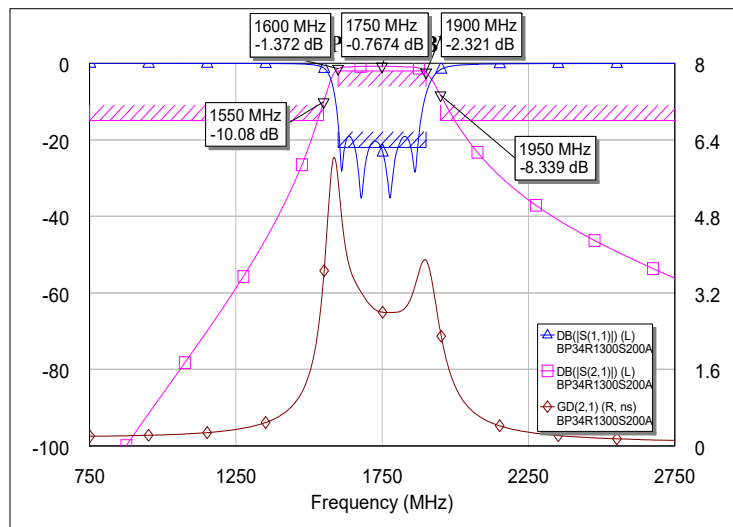
Revision	Description	Date
A	Initial Release	19-May-2020

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1. Electrical Specifications

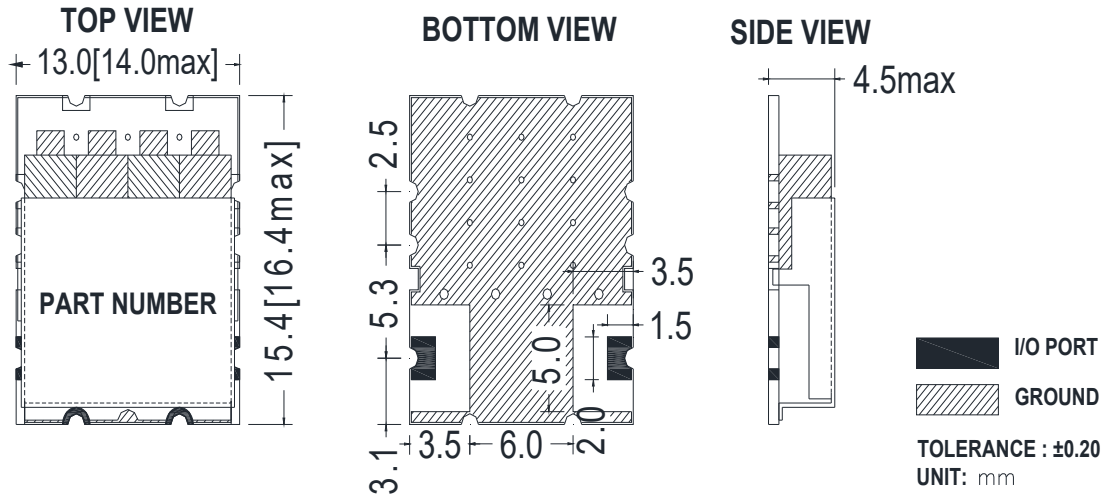
Parameter	Specification	Simulation	Proposal
Center frequency	1750MHz		
Bandwidth	1600MHz~1900MHz		
Insertion Loss	1.0 dB max.	2.32	3.0dB max.
Ripple	1.0 dB max.	1.56	2.0dB max.
Group delay	10nsec /per 50MHz BW (30 -300MHz)	-	OK
Return Loss	1.2 : 1	20	OK
Attenuation	30dB min @ 10MHz - 1550MHz	10.08	7.0dB min
	35dB min @ 1950MHz - 3000MHz	8.33	5.0dB min
	45dB min @ 3000MHz - 6000MHz	-	N/A
Temperature	-45°C ~ +85°C		OK
Input Output Impedance	50Ω		OK
Input power	1W CW		OK
Foot print	10X10mm H=3mm		14x16.4x4.5 mm

2. Simulation Data



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3. Mechanical specifications



Parameter	Specification	Proposal
Dimension	10X10mm H=3mm	14 * 16.4 * 4.5max