



Document	Document Number	Revision	Date
Spec Sheet	FLB005006A01	A	26-Mar-2019

Band Pass Filter

P/N : FLB005006A01

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Revision	Description	Date
A	Initial Release	26-Mar-2019



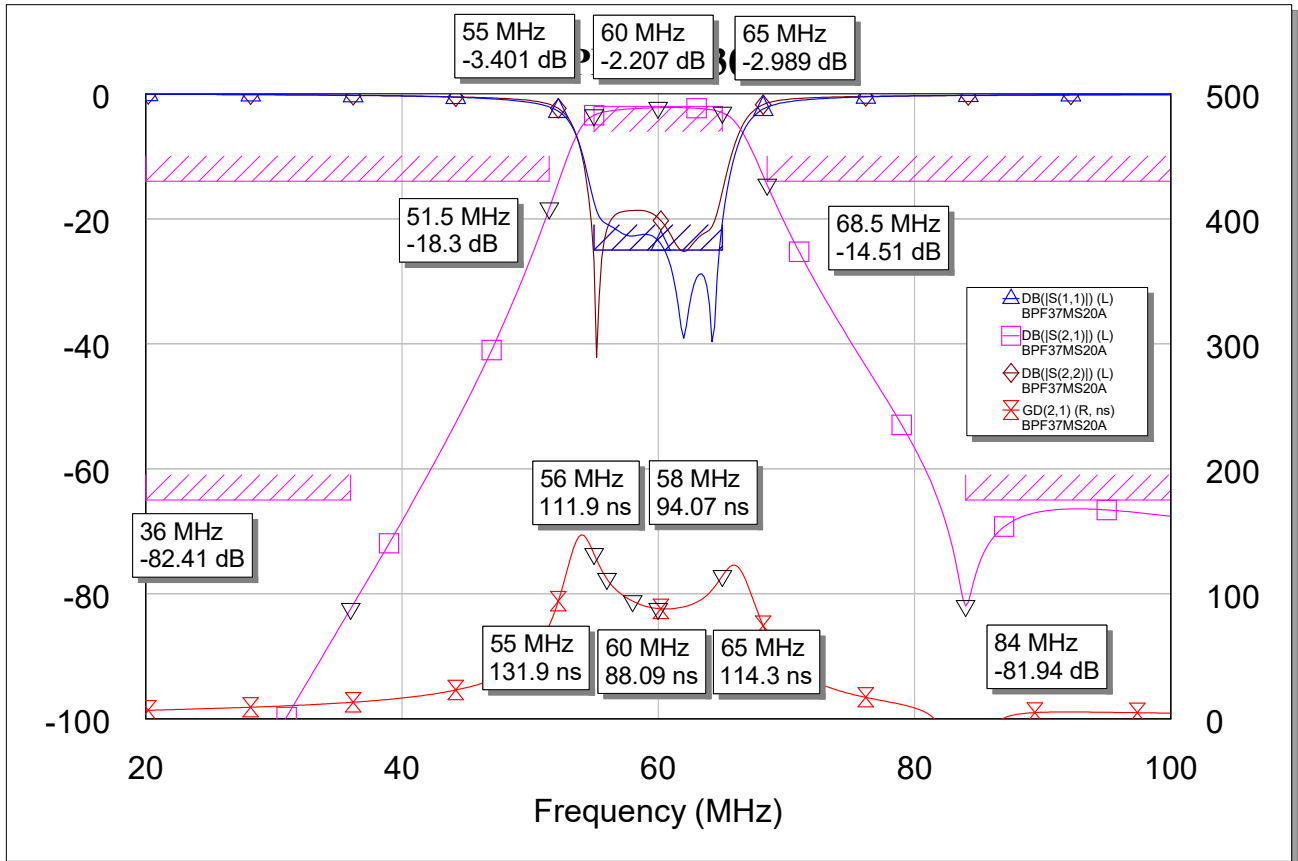
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1. Electrical Specifications

Parameter	Specification	Simulation	Proposal
Pass Band	55MHz ~ 65MHz	55MHz ~ 65MHz	
Insertion Loss	2.0dB max.	3.4 dB	4.5dB
Return Loss	1.4 : 1 max	17dB	13dB
Ripple	±0.4dB max	1.2dB	2.0dB
Attenuation	10.0dBc min @ 51.5MHz	18.3 dB	OK
	10.0dBc min @ 68.5MHz	14.5 dB	OK
	60dBc, min @ DC ~ 36MHz	82dB	OK
	60dBc, min @ 84 ~ 900MHz	84dB@84MHz	OK
Group Delay Variation @ BW	±7.5nSec @ ±5MHz BW	44nS	-
	±2.5nSec @ ±3MHz BW	38nS	-
	±0.5nSec @ ±1MHz BW	20nS	-
Input Output Impedance	50Ω		OK
Power Handling	1 Watt		OK
Sizes	TBD		
Operation Temperature Range	-40°C ~ +85°C		OK

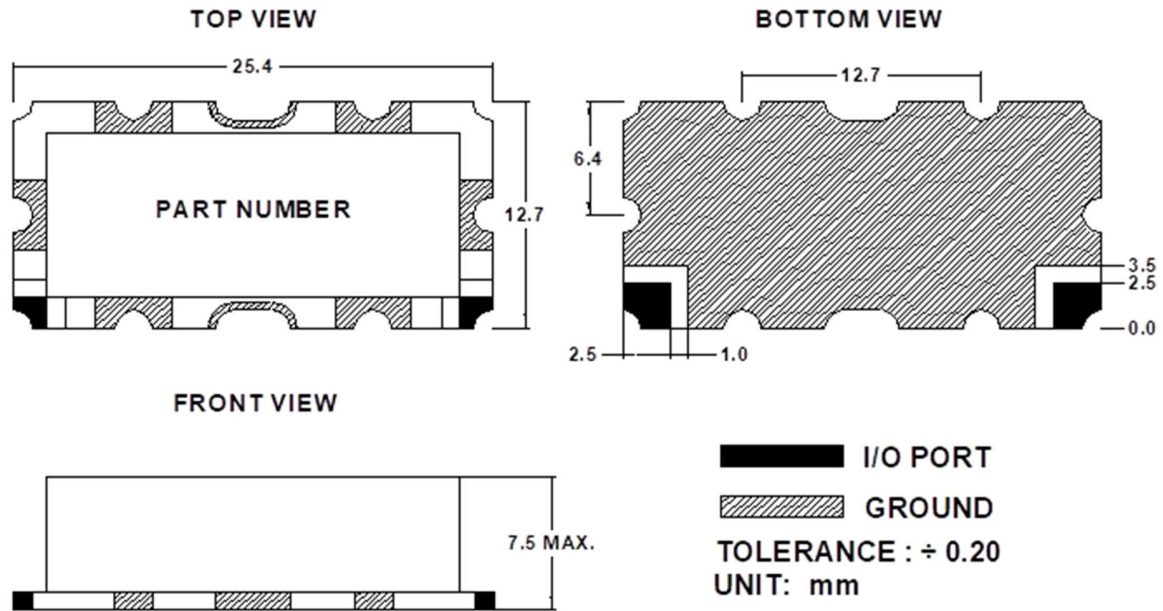
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2. Simulation Data



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3. Mechanical Specification



Parameter	Specification	Proposal
Dimension	12.7*25.4*7.5(Unit : mm)	

4. Climatic Specifications

Parameter	Specification	Proposal
Operating Temperature	-40°C to +80°C ambient	
Non-Operating Temperature	-45°C to +85°C	
Altitude	0.02 mbar & 60°C	
Humidity	95%, min	맞출 수 없습니다.
Acoustic Noise	154dB	

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5. Dynamic Specifications

Parameter	Specification	Proposal
Shock	SRS 150 g Peak acceleration response @ 60 Hz Cross-over frequency	
	SRS 300 g Peak acceleration response @ 1200 Hz Cross-over frequency	
Acceleration	40g at all directions	
Random Vibrations (3 axes)	10.5gRMS (according to Figure 1)	

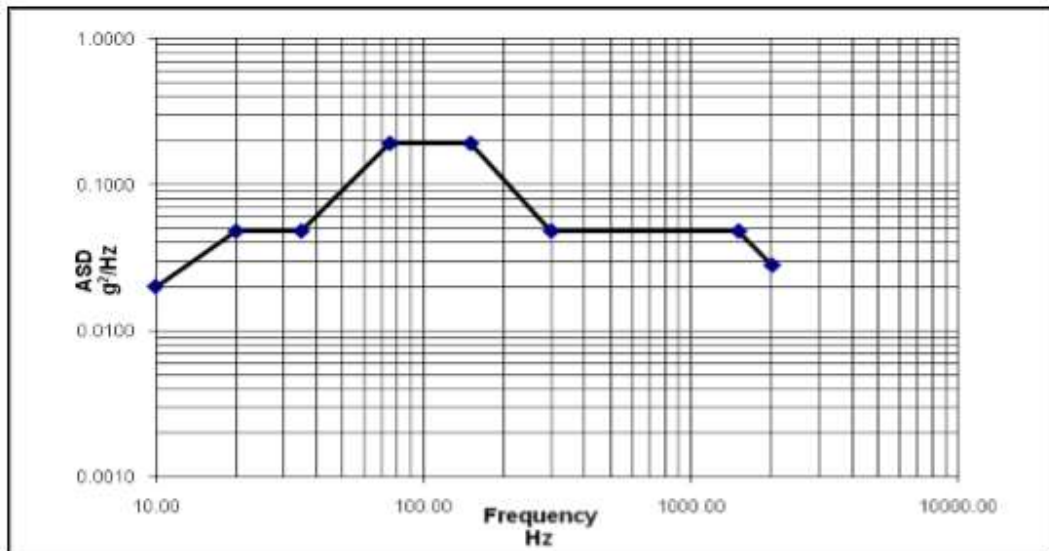


Figure 1: Random Vibrations Graph