



# Dynamic Engineers Inc.

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í CH Filter Bank

## Features

- High Performance
- High Reliability
- í CH Filter Bank

## Specifications

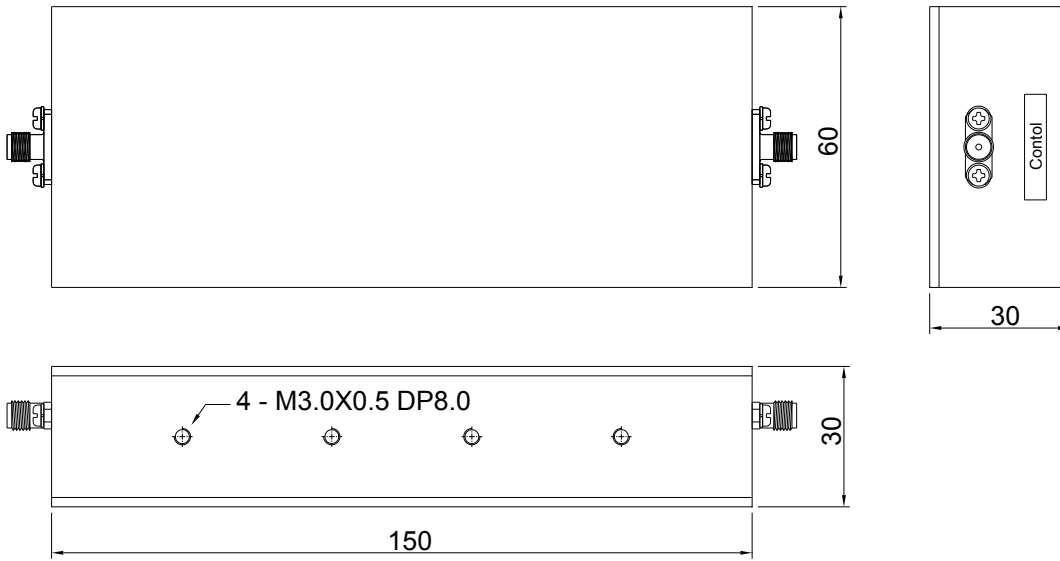
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ITEM	Specification	
Pass Band Frequency	108~400 MHz	
Pass Band Frequency	CH1	108~153 MHz
	CH2	153~175 MHz
	CH3	225~270 MHz
	CH4	267~313 MHz
	CH5	313~400 MHz
Insertion Loss	3.5dB Max.	
Ripple	± 1dB Max.	
Stop band attenuation	CH1	DC~102.6MHz 25dB    160.65~800MHz 25dB
	CH2	DC~145.35MHz 25dB    183.75~800MHz 25dB
	CH3	DC~213.75MHz 25dB    283.5~800MHz 25dB
	CH4	DC~253.65MHz 25dB    328.65~800MHz 25dB
	CH5	DC~297.35MHz 25dB    420~800MHz 25dB
Return Loss	15dB Min.	
Power Handling	60W Max.	
Power Supply	+5V /1.2A   -110V/ 100mA	
Switching Speed	5us	
Switch controls	TTL	
Impedance	50 Ω Nominal	
Operating temperature	-40°C to +85°C	
Storage temperature	-55°C to +85°C	
Dimensions	150 x 60 x 30mm	
RF connectors	SMA (female)	
Color	Black color Epoxy coating	



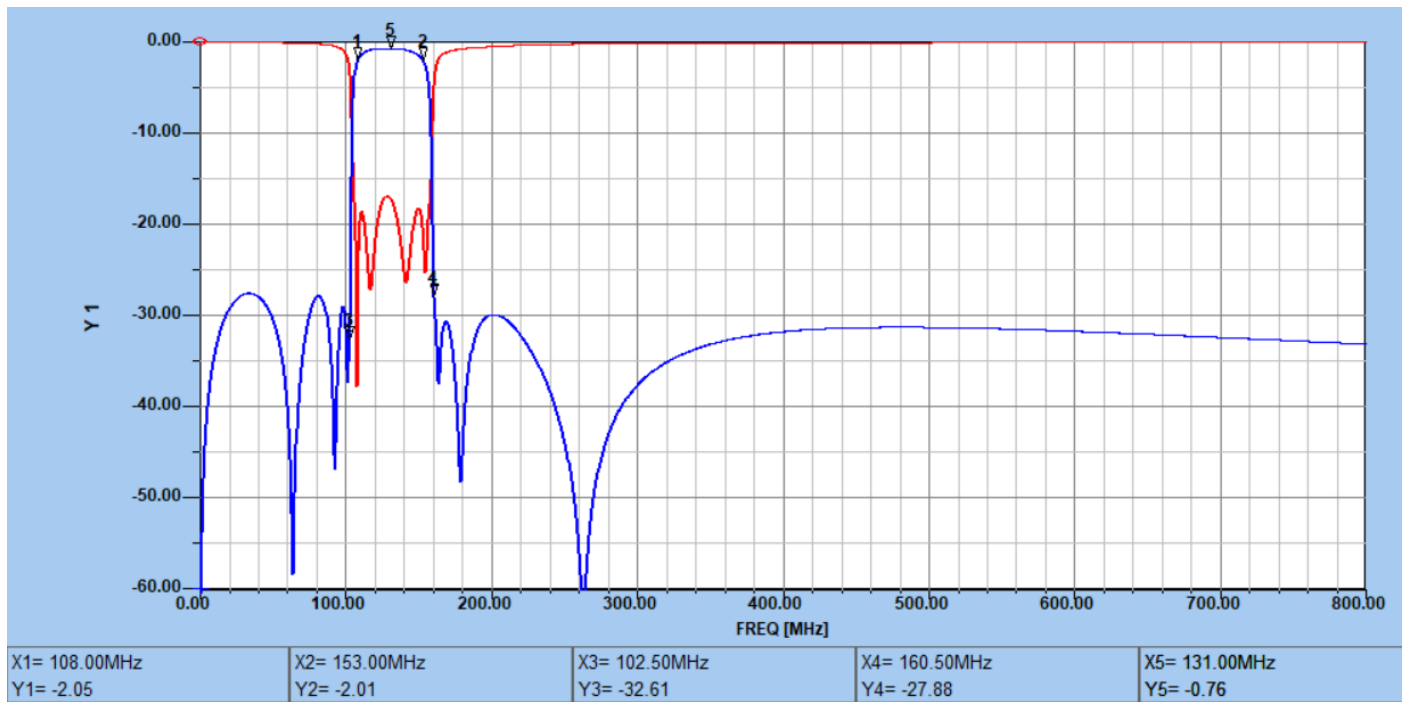
### Mechanical Drawing & Pin Connections

Drawing No: A 8 8 % \$ \$ \$ ( ! %

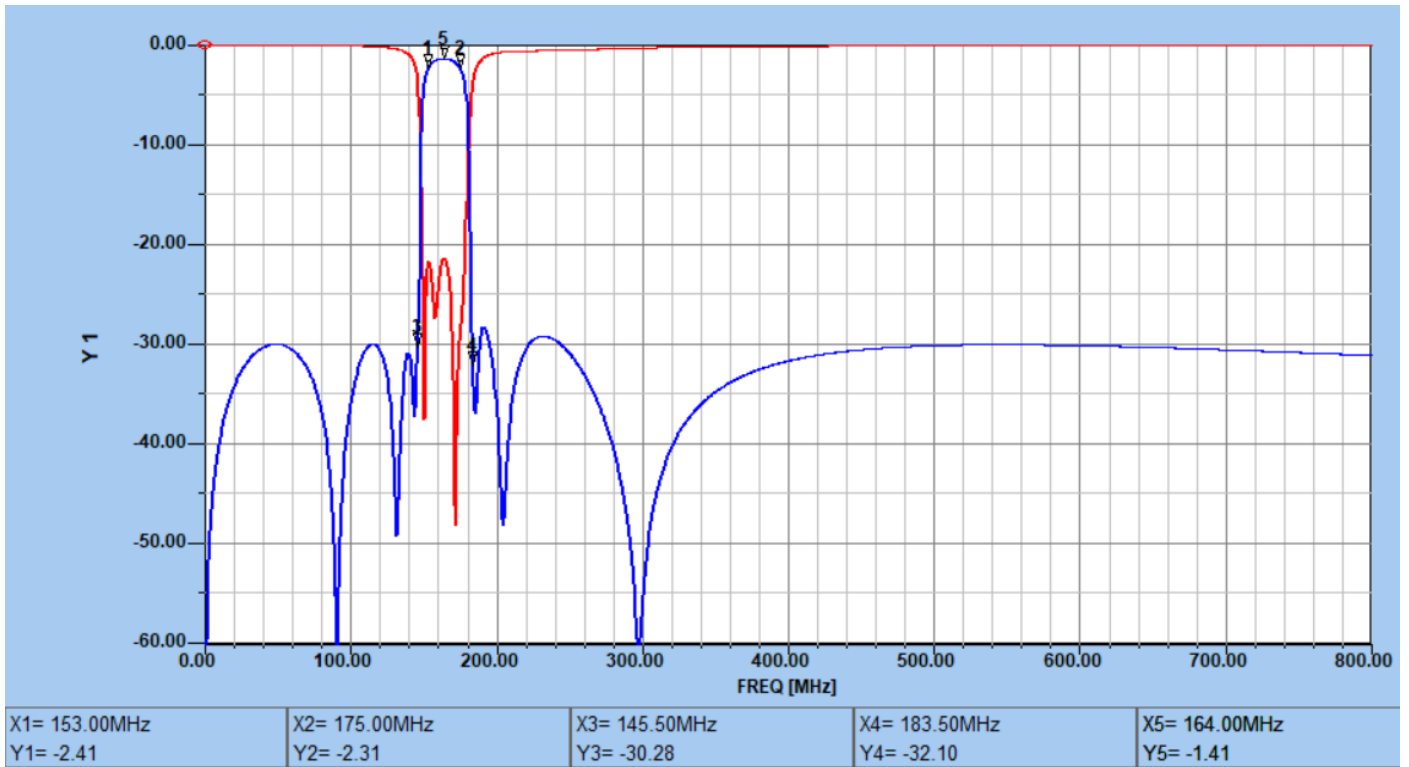


Unit in mm  
1mm = 0.0394 inches

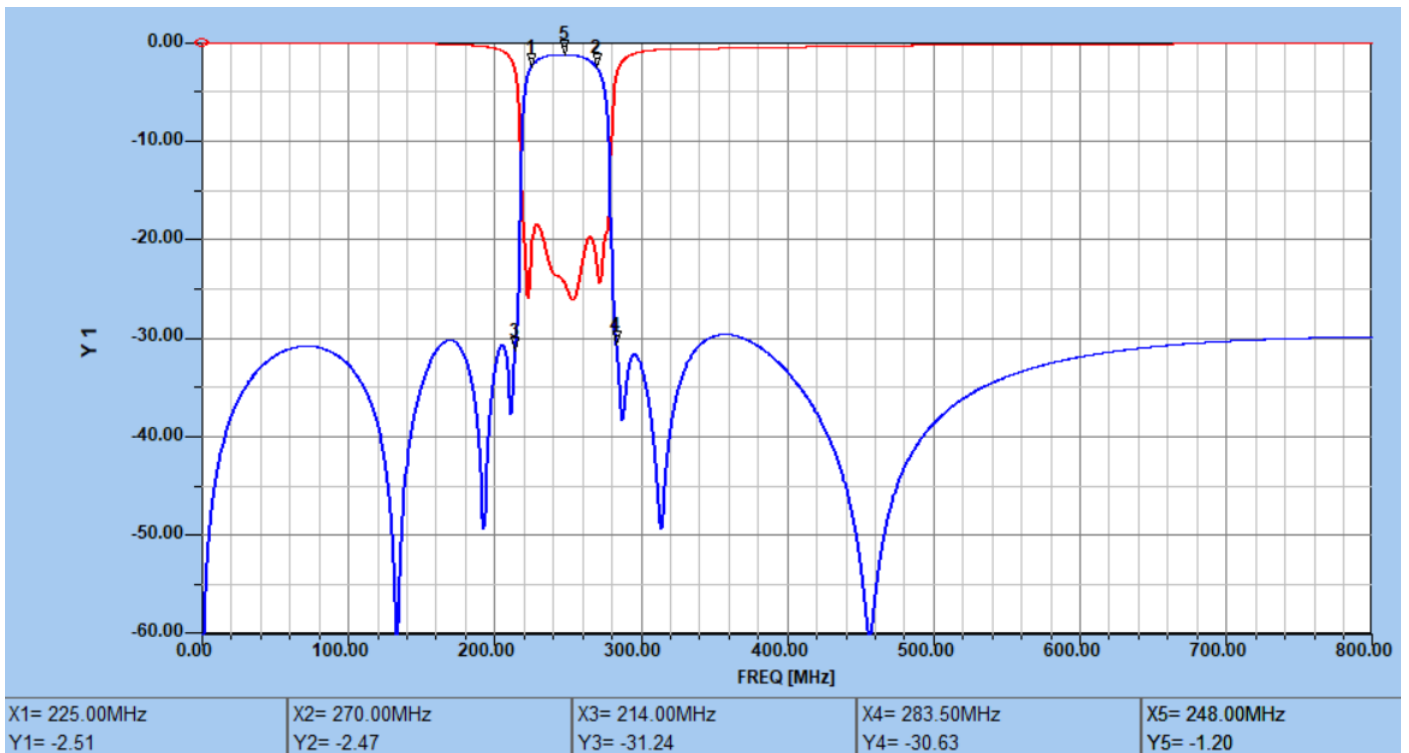
### Simulation Result



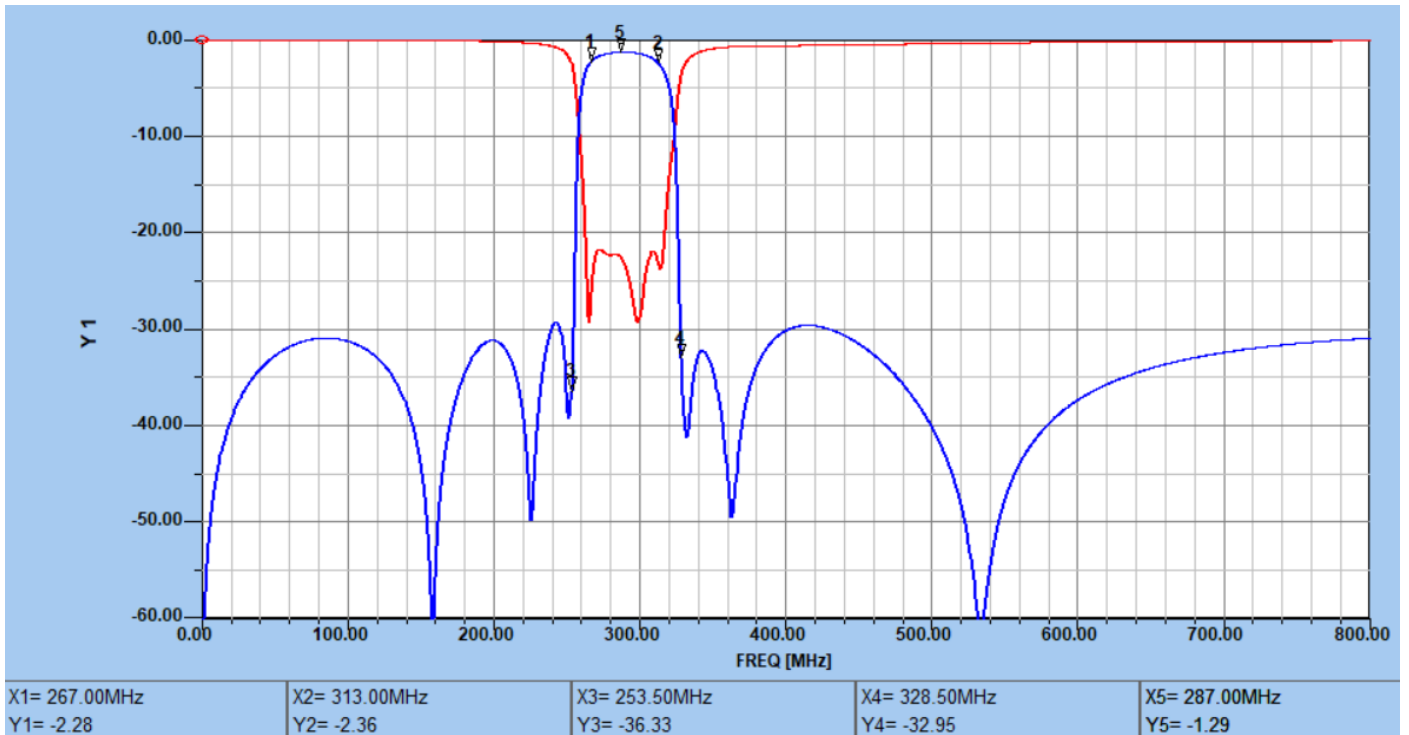
< Channel 1 >



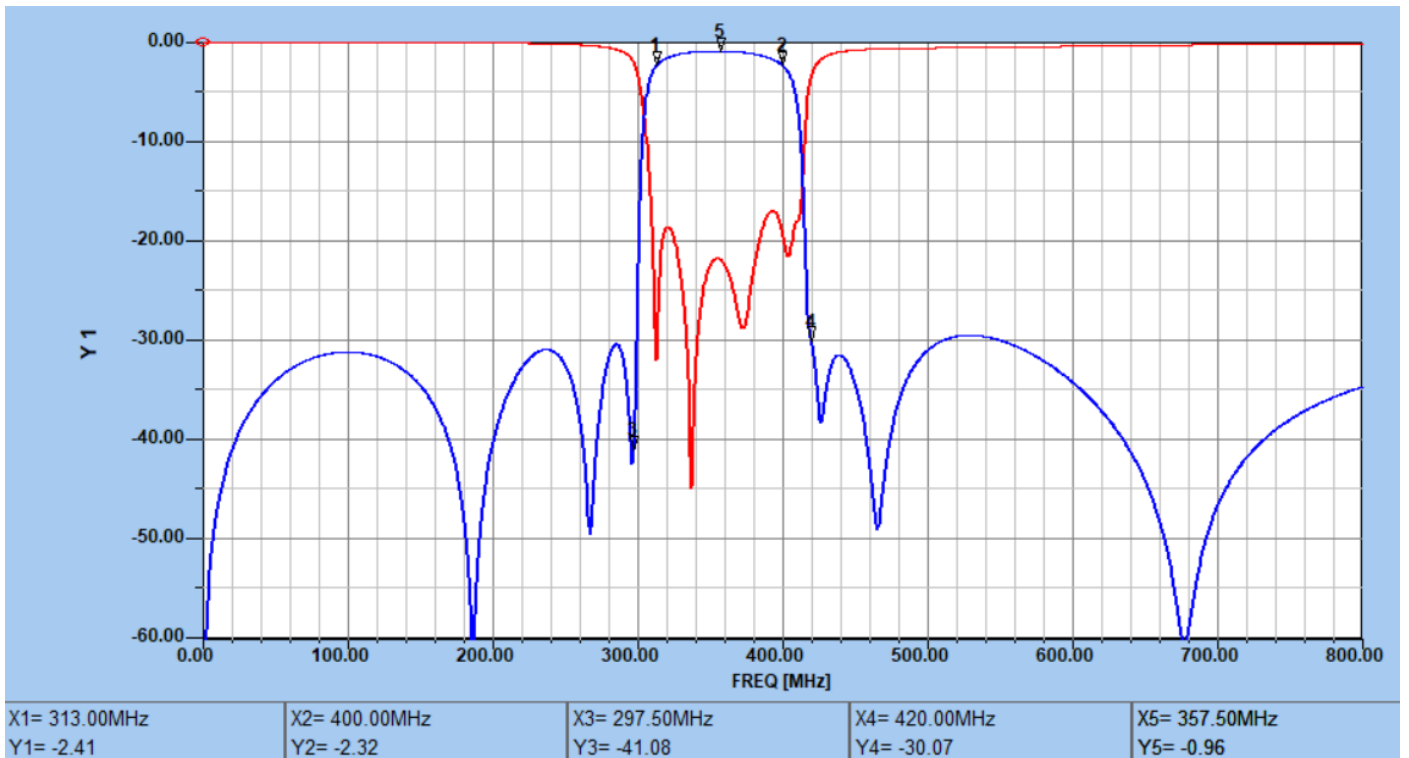
< Channel 2 >



< Channel 3 >



< Channel 4 >



< Channel 5 >