



Document	Document Number	Revision	Date
Spec Sheet	FLL0030A01	A	24-Oct-2018

LPF

P/N : FLL0030A01

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Revision	Description	Date
A	Initial Release	24-Oct-2018



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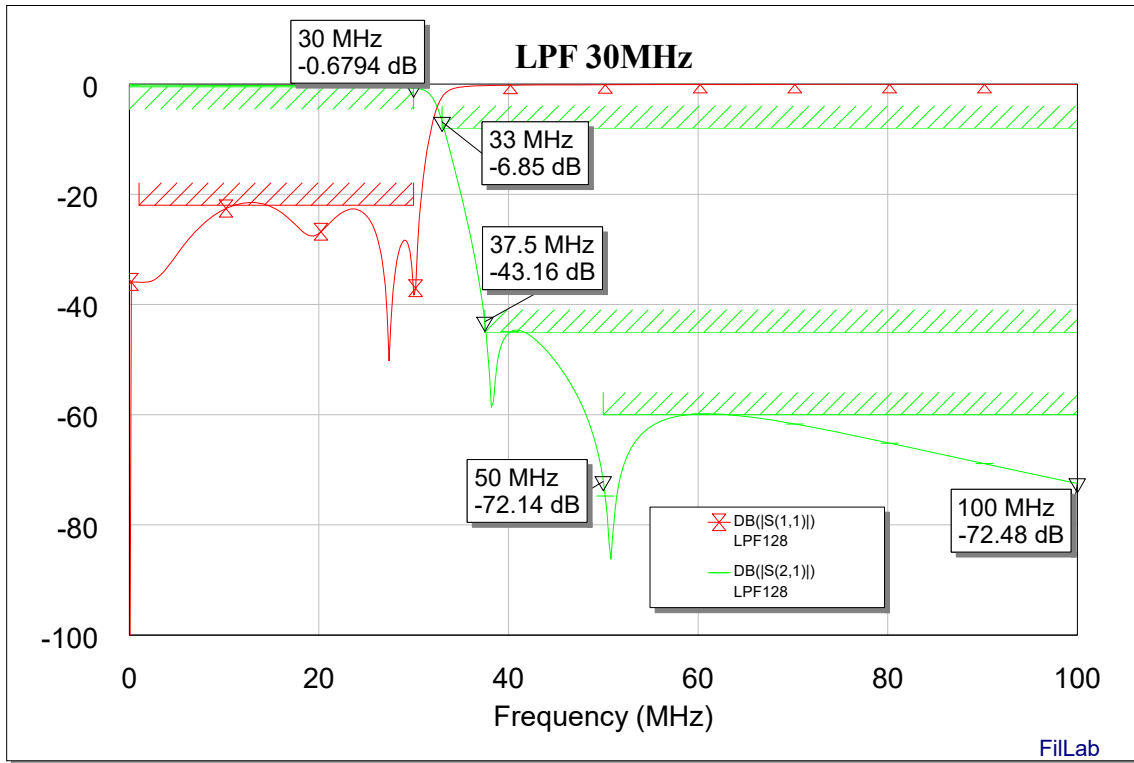
1. Electrical Specifications

Parameter	Specification	Simulation	Proposal
Cutoff frequency	30MHz		OK
Pass Band	1.5MHz ~ 30MHz		OK
Insertion Loss	0.4dB max.	0.6dB	1.0 dB max.
Return Loss	18dB min.	20dB	OK
Attenuation	5.5dB min @ 33MHz	6.85dB	OK
	40.0dB min @ 37.5MHz	43dB	OK
	55.0dB min @ 50MHz~100MHz	60dB	OK
Input Output Impedance	50Ω		OK
Power Handling	1600W		OK

Parameter	Specification	Proposal
Operating temperature	-20°C - +80°C	OK
Storage temperature	-20°C - +85°C	OK
Shock	MIL-STD-810F par 516.5, 40G non operation mode	OK
Random Vibration	MIL-STD-202F Random Vibration Method 214 condition E per random 20-2000 HZ 16.9Grms	OK
Fungus	MIL-STD-810F method 508.5	OK

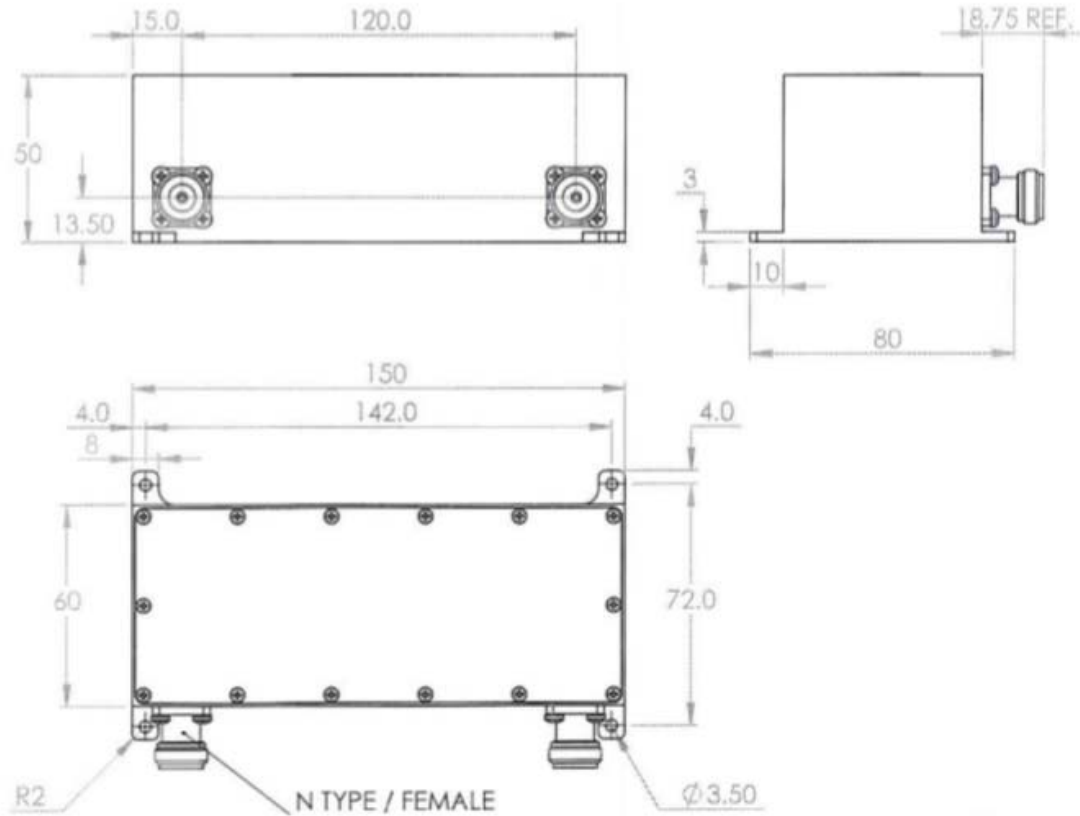
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2. Simulation Data



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3.Mechanical Specification



Parameter	Specification	Proposal
Dimension	150 x 60.0 x 50.0 Max (Unit : mm)	
Material	ALUM 6061-T651	
RF Connector	N-Type female	
Finish	Electroless Nickel, high Phosphor. 10-12%, 16~18 um per MIL-C-26074C, Class 4	