



Document	Document Number	Revision	Date
Spec Sheet	FAXB20A02	A	23-Oct-2020

Duplexer Proposal

P/N : FAXB20A02

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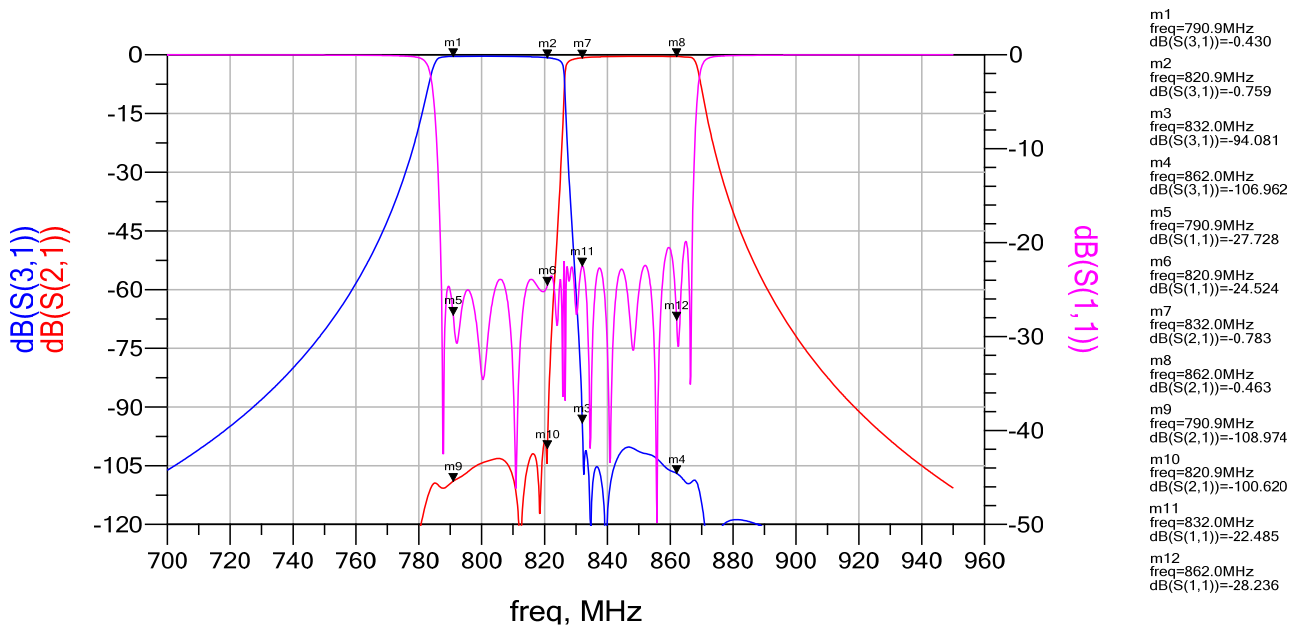
Revision	Description	Date
A	Initial Release	23-Oct-2020

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1. Electrical Specifications

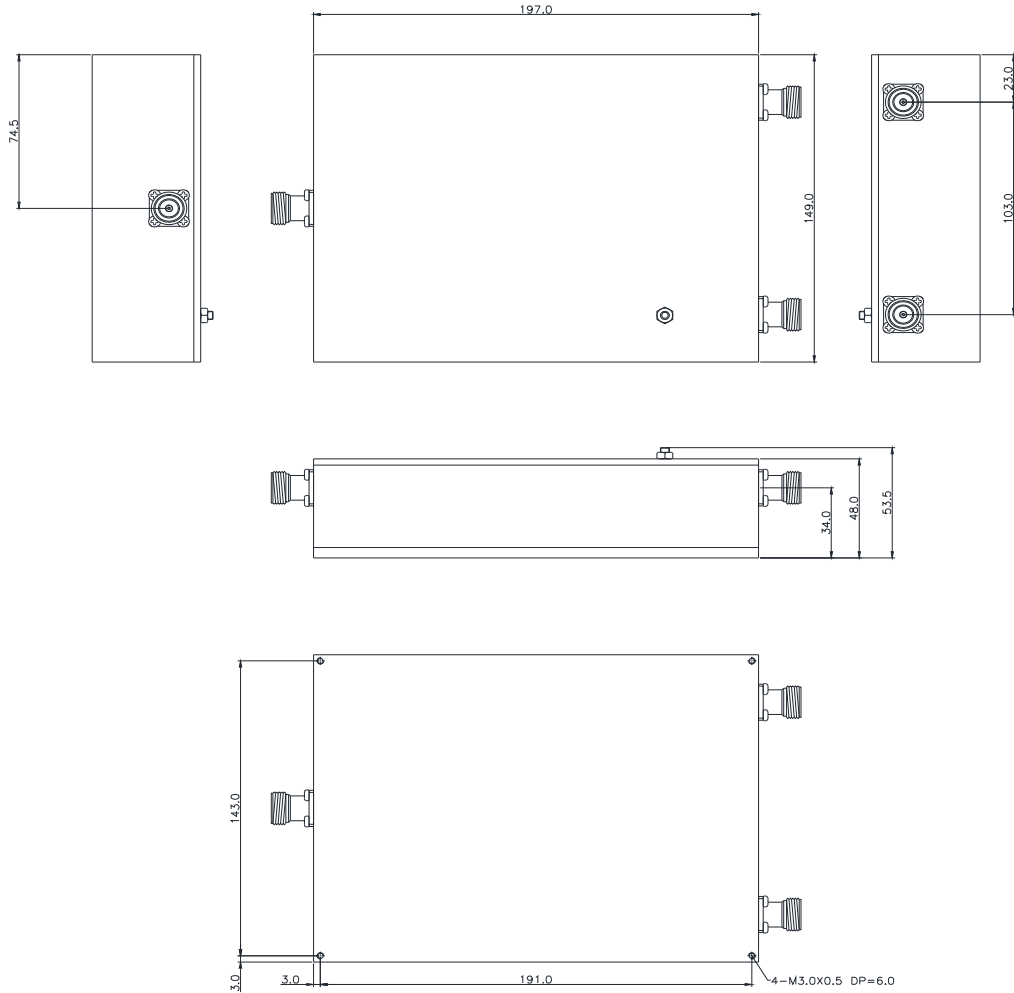
Parameter	Specification		Simulation		Proposal	
Pass band	791 ~ 821MHz	832 ~ 862MHz	1710 ~ 1785MHz	1805 ~ 1880MHz	1710 ~ 1785MHz	1805 ~ 1880MHz
Insertion Loss (Max)	1.0dB max.	1.0dB max.	0.76	0.79	OK	OK
Return Loss(Min)	dB Min.		21.0	21.0	18dBMin.	18dBMin
Attenuation	? min @ 1582 ~ 1980MHz	? min @ 1582 ~ 1980MHz	-	-	NA	NA
	? min @ 2300 ~ 2700MHz	? min @ 2300 ~ 2700MHz	-	-	NA	NA
Isolation	90dB min.		94.0	99.0	OK	
Input/Output impedances	50Ω				OK	
Power handling	50W		-	-	OK	
Operating temperatures	-20 ~ +75°C		-	-	OK	

2. Simulation Data



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3. Mechanical Specification



Parameter	Specification	Proposal
Dimension	TBD	197.0x 149.0 x 53.5 Max
RF Connector	Inputs: N Type Female Output: N Type Female	OK
Finish	TBD	Gray Epoxy (Pantone 427C)