



Document	Document Number	Revision	Date
Spec Sheet	FAXB07A04	A	23-Oct-2020

## Duplexer Proposal

**P/N: FAXB07A04**

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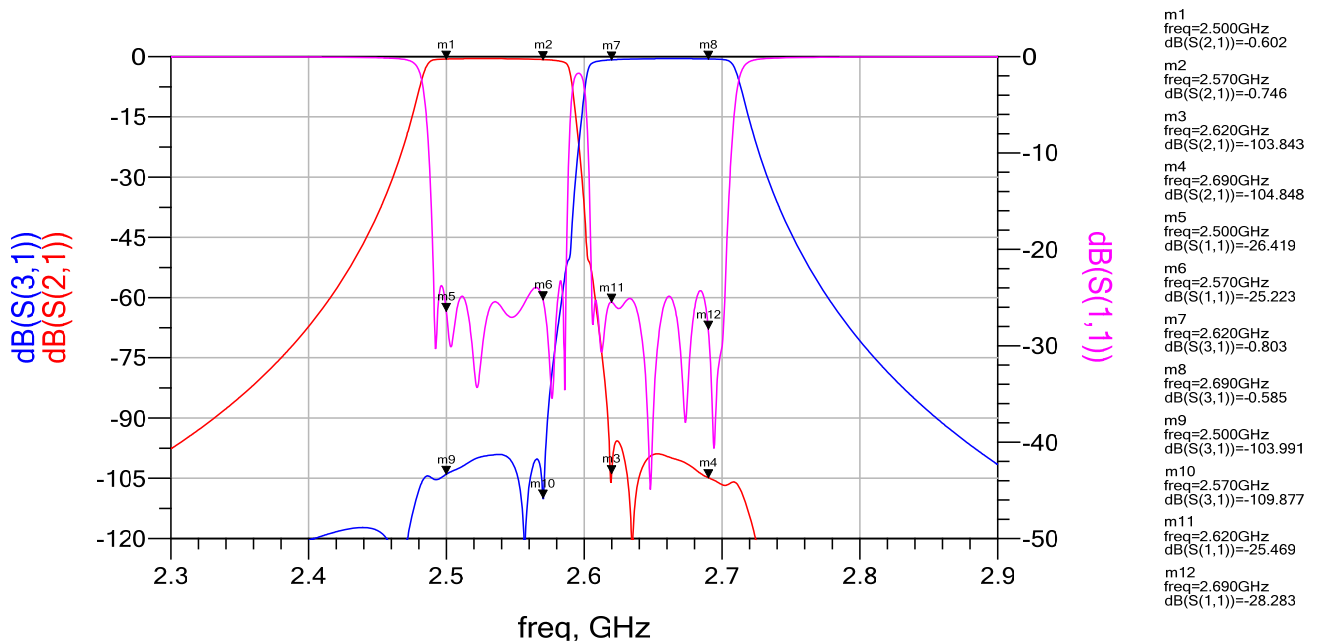
Revision	Description	Date
A	Initial Release	23-Oct-2020

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## 1. Electrical Specifications

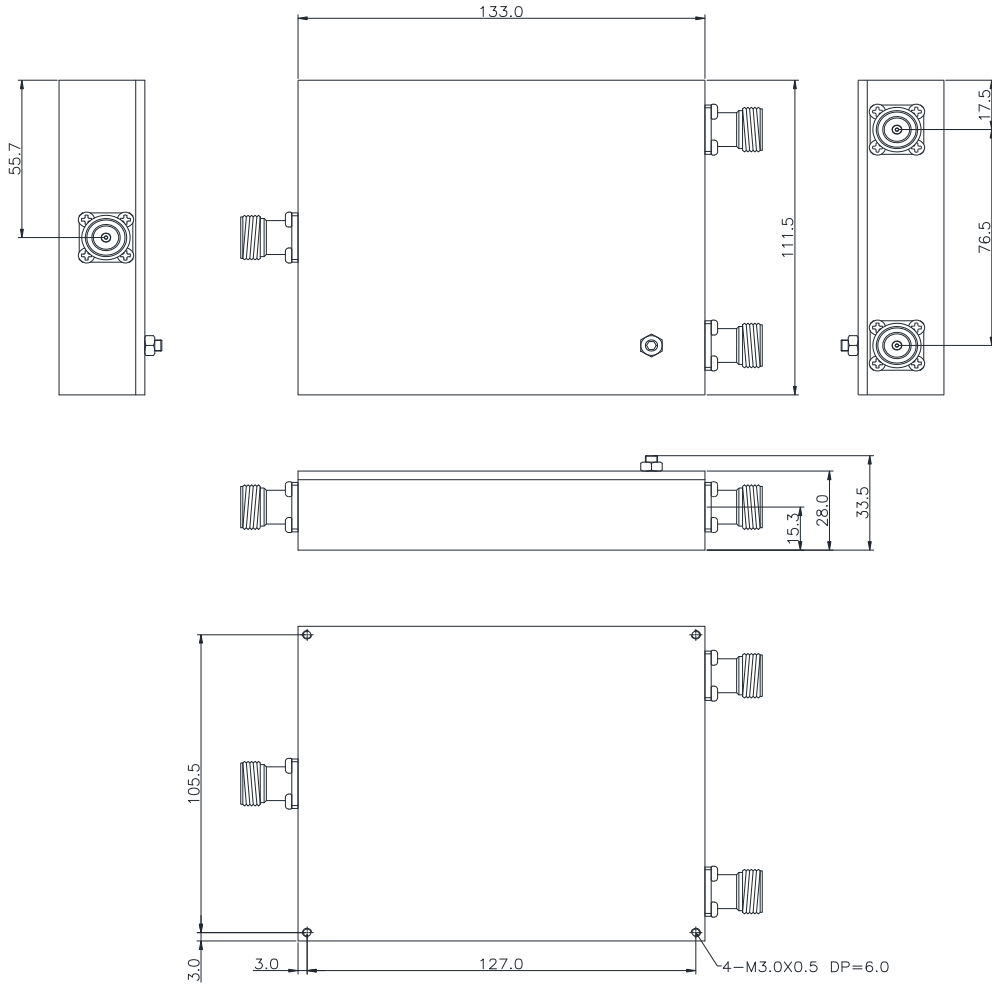
Parameter	Specification		Simulation		Proposal	
	2500 ~ 2570MHz	2620 ~ 2690MHz	2500 ~ 2570MHz	2620 ~ 2690MHz	2500 ~ 2570MHz	2620 ~ 2690MHz
Pass band	2500 ~ 2570MHz	2620 ~ 2690MHz	2500 ~ 2570MHz	2620 ~ 2690MHz	2500 ~ 2570MHz	2620 ~ 2690MHz
Insertion Loss (Max)	1.0dB max.	1.0dB max.	0.83	0.85	OK	OK
Return Loss(Min)	dB Min.		21.0	21.0	18dBMin.	18dBMin
Isolation	90dB min.		95	95	OK	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	133x 111.5 x 33.5 Max
RF Connector	Inputs: N Type Female Output: N Type Female	OK
Finish	TBD	Gray Epoxy (Pantone 427C)