



Document	Document Number	Revision	Date
Spec Sheet	FAX270330A01	A	02-Jul-2020

Duplexer

P/N : FAX270330A01

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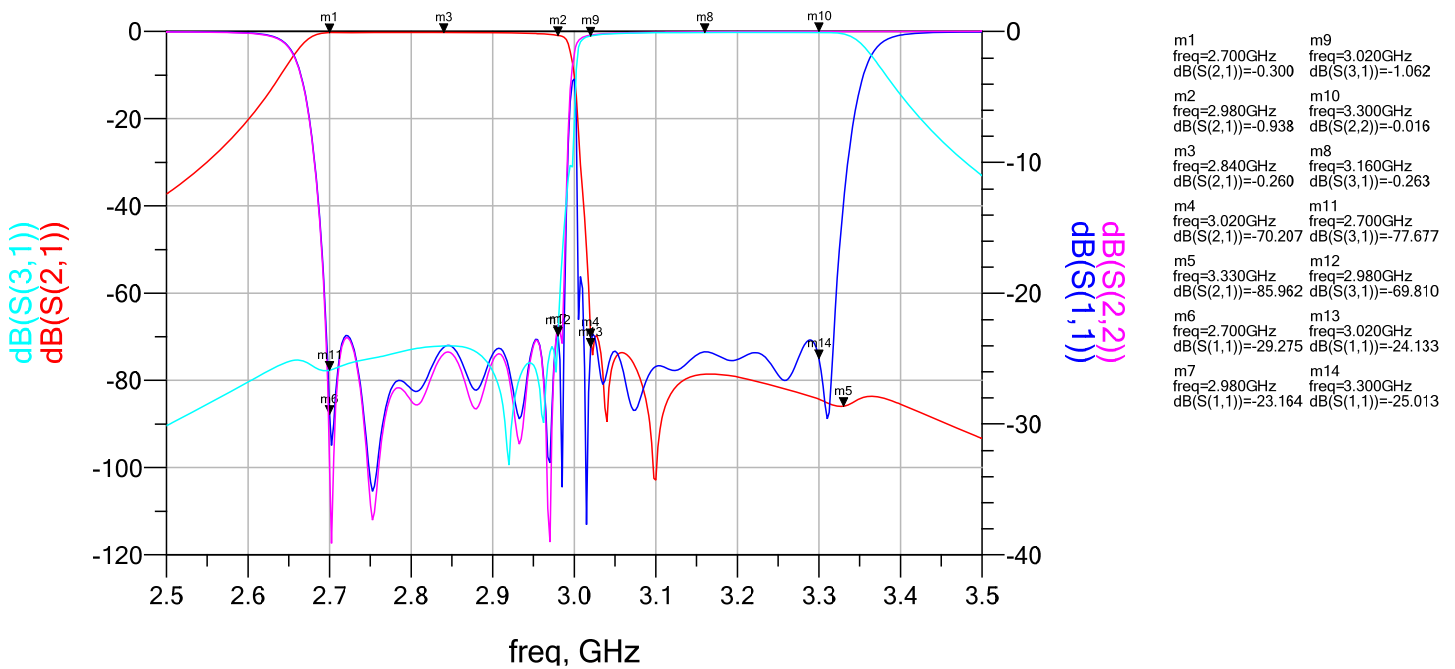
Revision	Description	Date
A	Initial Release	02-Jul-2020

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1. Electrical Specifications

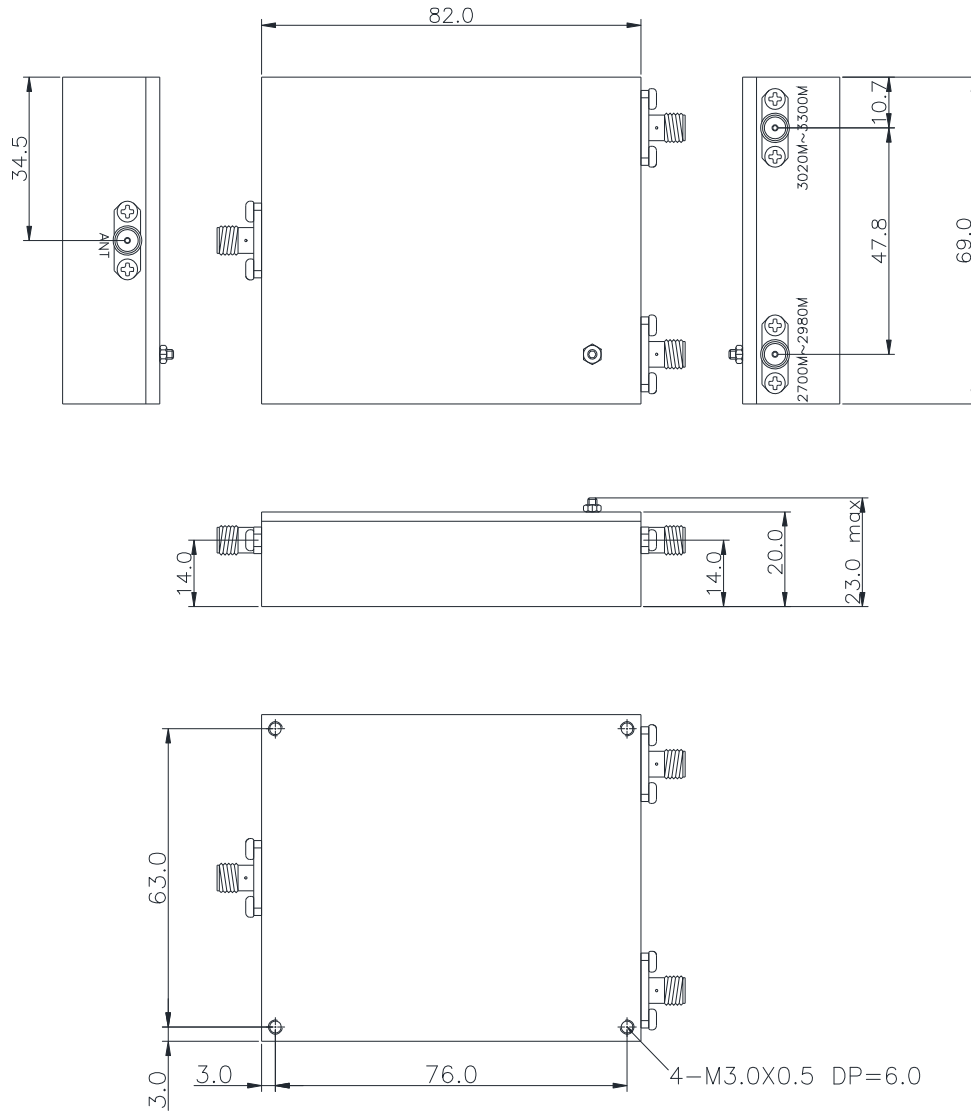
Parameter	Specification		Simulation		Proposal
	2700 ~ 2980MHz	3020 ~ 3300MHz	2700 ~ 2980MHz	3020 ~ 3300MHz	
Pass Band	2700 ~ 2980MHz	3020 ~ 3300MHz	2700 ~ 2980MHz	3020 ~ 3300MHz	OK
Insertion Loss	1.5dB max.	1.5dB max.	0.94	1.06	OK
Pass Band Ripple	1.0dB max.	1.0dB max.	0.67	0.8	OK
Return Loss	18dB min	18dB min	22.0	22.0	OK
Attenuation	60.0dB min @ 3020MHz ~3300MHZ	60.0dB min @ 2700MHz ~2980MHZ	70.20	69.81	OK
Temperature	-30°C - +70°C		-		OK
Input Output Impedance	50Ω		-		OK
Power Handling	20W CW		-		OK

2. Simulation Data



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3. Mechanical Specification



Parameter	Specification	Proposal
Dimensions	78.0x 82.0 x 23.0 Max (Unit : mm)	69.0x 82.0 x 23.0 Max
Mounting Points	See Outline Drawing	OK
RF Connector	IN-SMA Type, OUT-SMA Type	OK
Connector Position	See Outline Drawing	OK
Finish	Black Color Epoxy Coating	OK