

SPEC NO.	SP010S56620-0010	ISSUED DATE	2023.09.21	PUBLISHED BY
PRODUCT NAME	S 5662A	VERSION	01	
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CIROCOMM TECHNOLOGY CORP.

A. MAXIMUM RATING:

Electrostatic Sensitive Device (ESD)

1. Maximum Input Power: 28 dBm
2. DC Voltage: 3V
3. Operating temperature: -20 °C to +95 °C
4. Storage temperature: -20 °C to +95 °C
5. Moisture Sensitivity Level: Level 3 (MSL 3)

B. ELECTRICAL CHARACTERISTICS:

Item			Unit	Min	Typ	Max	Remarks
Center frequency			MHz		5662.5		
Insertion Loss		5490~5835 MHz	dB		1.8	2.0	(*3)
Ripple		5490~5835 MHz	dB	-	1.0	1.5	
VSWR	Input	5490~5835 MHz	-	-	1.5	2.0	
	Output		-	-	1.5	2.0	
Attenuation		30~2400 MHz	dB	36	41	-	
		2400~2500 MHz	dB	35	40	-	
		2500~3000 MHz	dB	30	34	-	
		3400~3800 MHz	dB	25	29	-	
		3800~4900 MHz	dB	22	27	-	
		5170~5330 MHz	dB	46	51	-	
		7200~7500 MHz	dB	35	39	-	
		10300~11800 MHz	dB	20	25	-	

*1. Min/Max specifications are guaranteed over the indicated temperature range (unless otherwise noted).

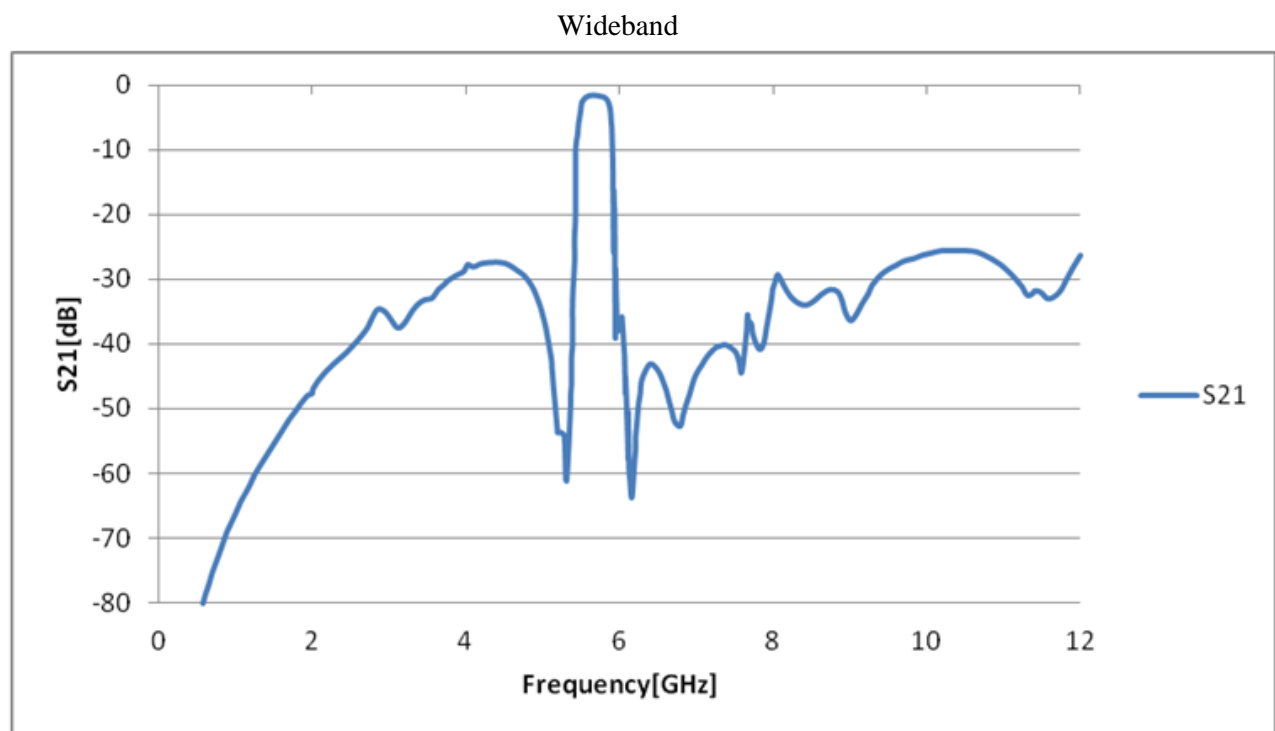
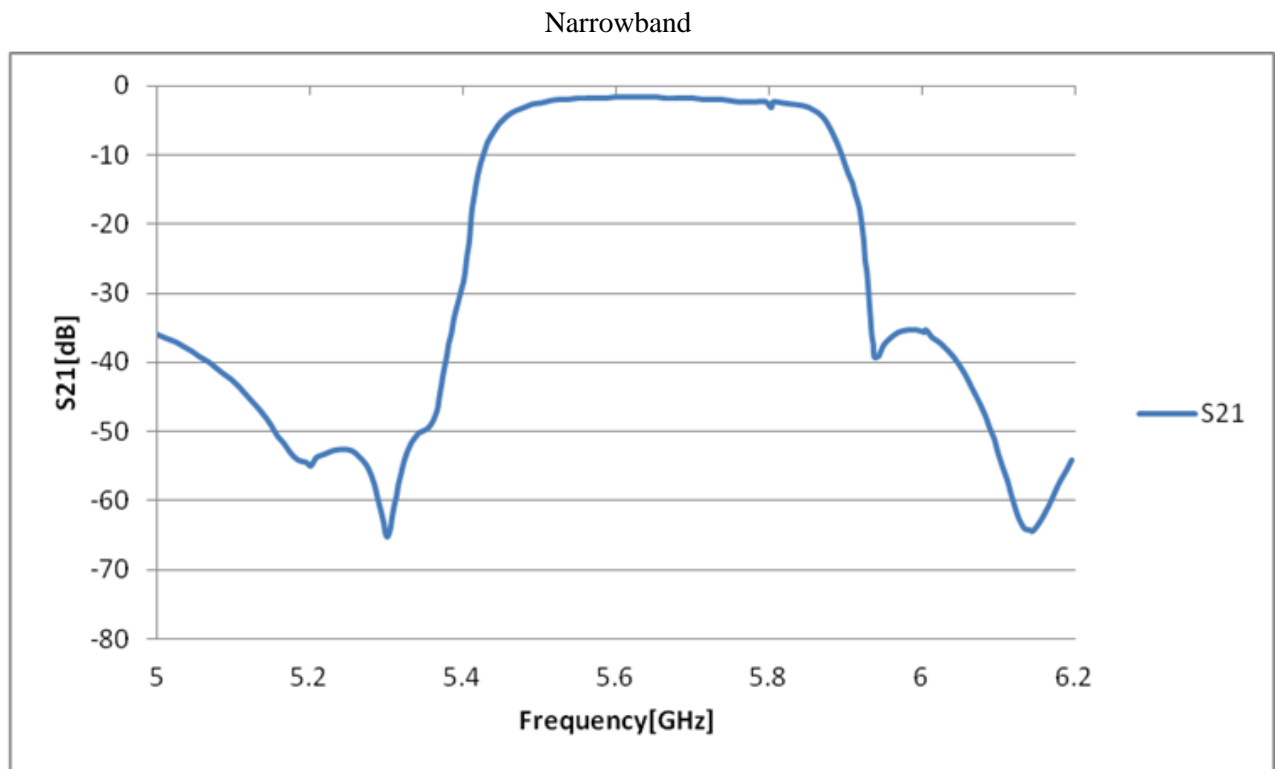
*2. Typical values are based on average measurements at + 25 °C

*3. Integrated IL referenced to 0dB. 345MHz bandwidth



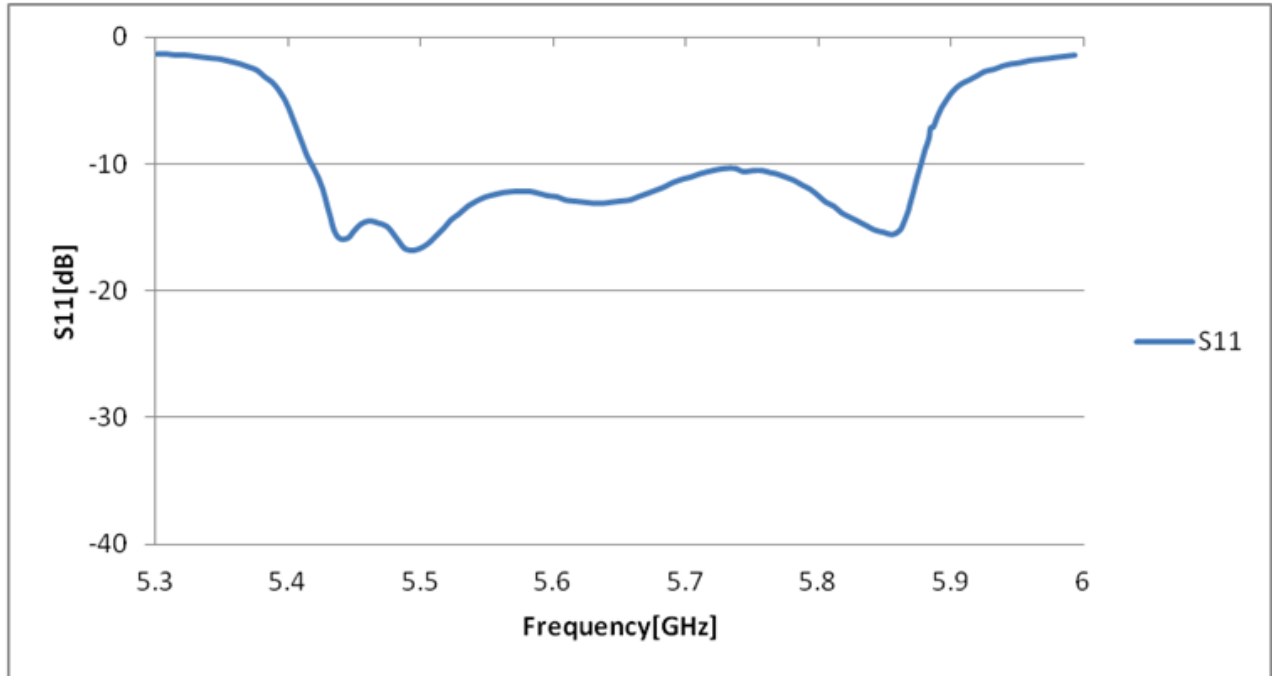
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C. FREQUENCY CHARACTERISTICS:

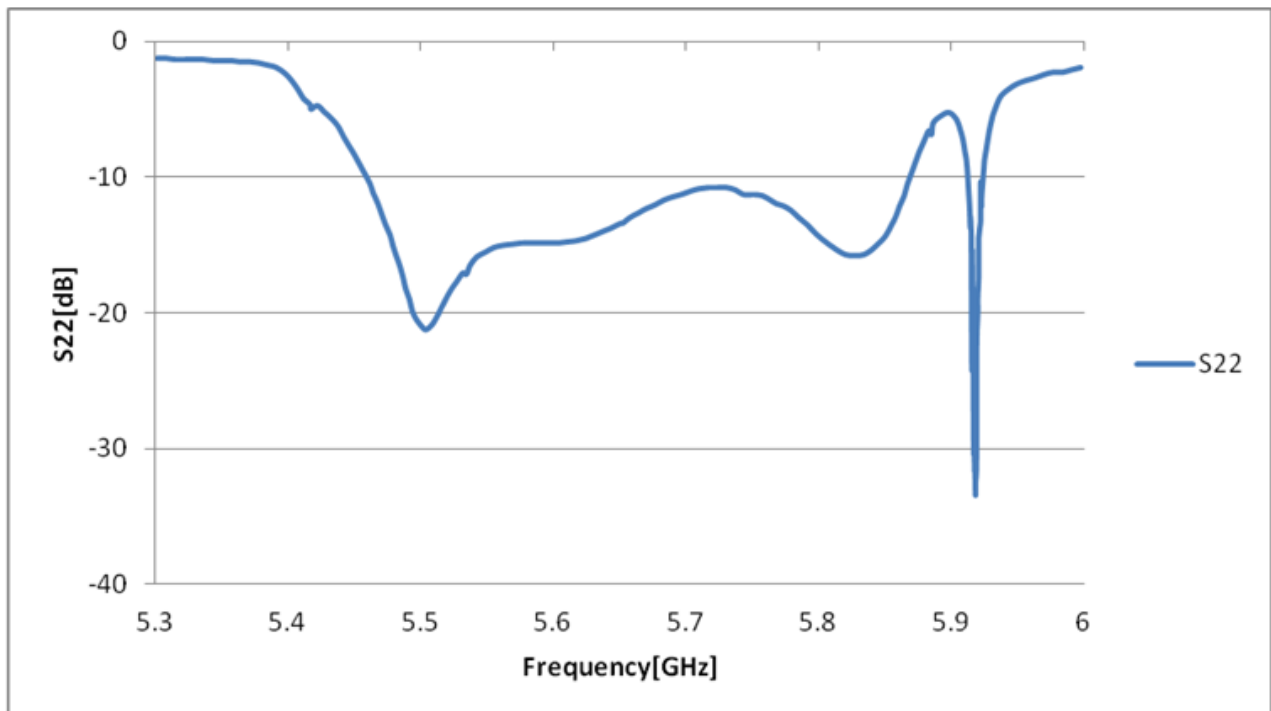


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Input port

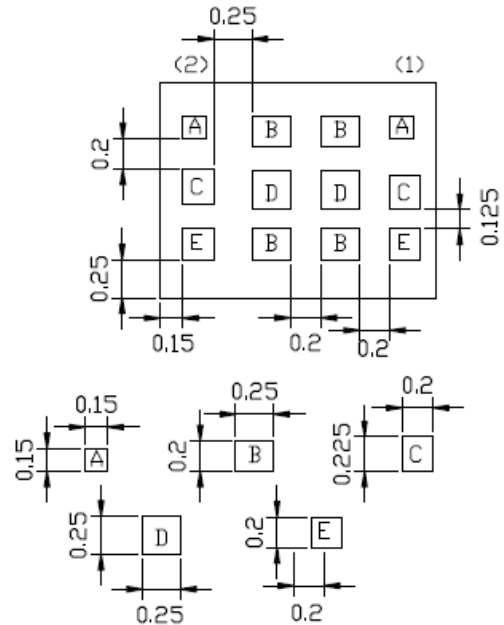
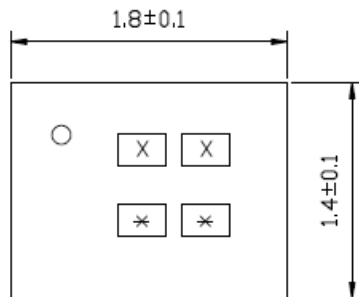


Output port



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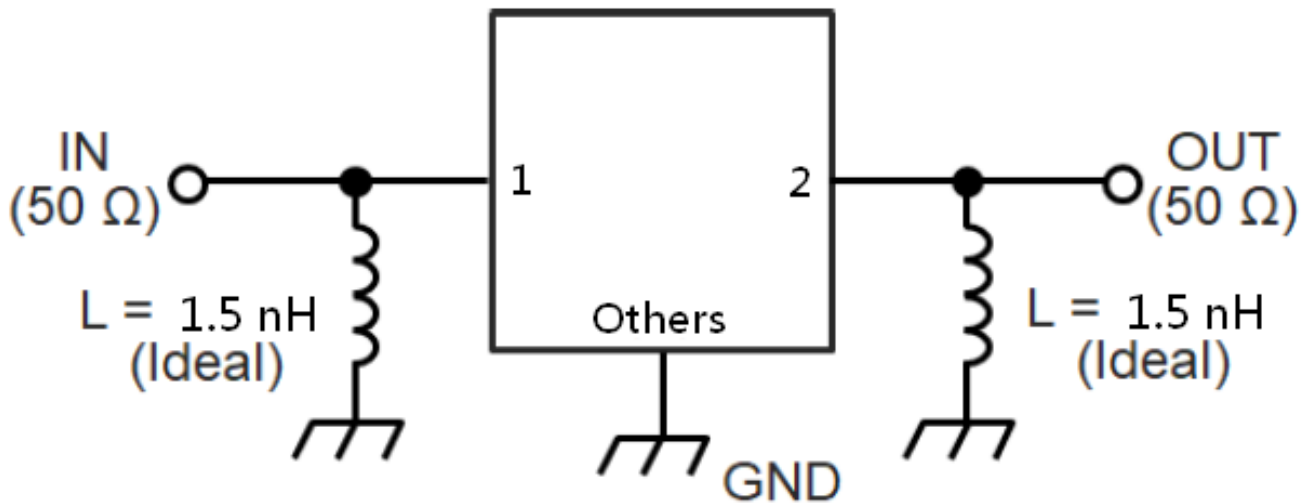
D. OUTLINE DRAWING:



Marking Description	
XX	Frequency Code
**	Date Code

Pin Configuration	
1	Input
2	Output
Others	Ground

E. MEASUREMENT CIRCUIT:



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H . RECOMMENDED REFLOW PROFILE:

1. Preheating shall be fixed at 150~180°C for 60~90 seconds.
2. Ascending time to preheating temperature 150°C shall be 30 seconds min.
3. Heating shall be fixed at 220°C for 50~80 seconds and at 260°C+0/-5°C peak (20~40sec).
4. Time: 2 times.

