

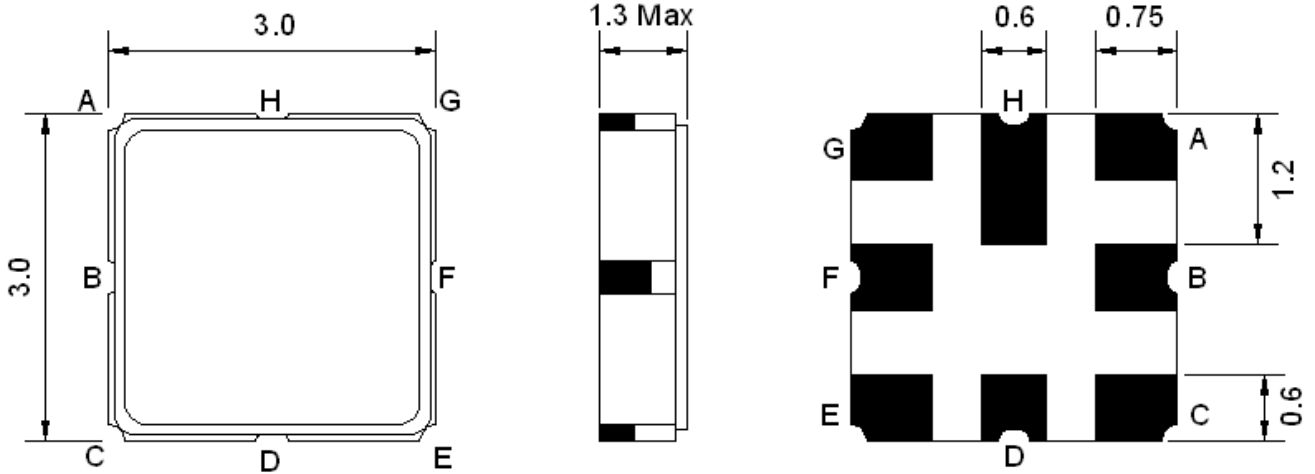


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	1086.0	-
Maximum Insertion Loss within 1081~1091 MHz	dB	-	3.5	4.5
Amplitude Ripple within 1081~1091 MHz	dB _{p-p}	-	0.6	1.5
Group Delay Ripple within 1081~1091 MHz	nsec	-	7.1	-
Phase Balance within 1081~1091 MHz	deg	-	10	-
VSWR within 1081~1091 MHz	-	-	2.0	2.5
Attenuation:				
500~988 MHz	dB	50	57	-
988~1002 MHz	dB	45	50	-
1038~1046 MHz	dB	35	40	-
1156~1600 MHz	dB	40	45	-
2040~2148 MHz	dB	30	35	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-	-	-
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	0
Source Impedance (Balanced Ended) ₁	Ω	-	200	-
Load Impedance (Balanced Ended) ₁	Ω	-	200	-
Package Size		3.0 x 3.0 x 1.3 mm		M1

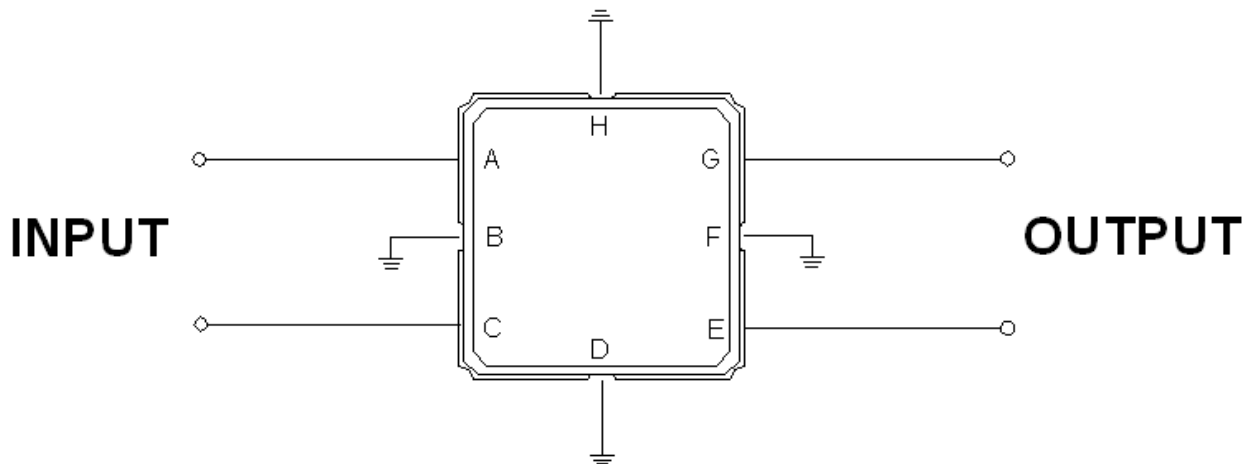


Outline Drawing:



Pin Description:
Ground – B D F H
Input – A C

Testing Environment:



Source/Load Impedance: 200 Ω

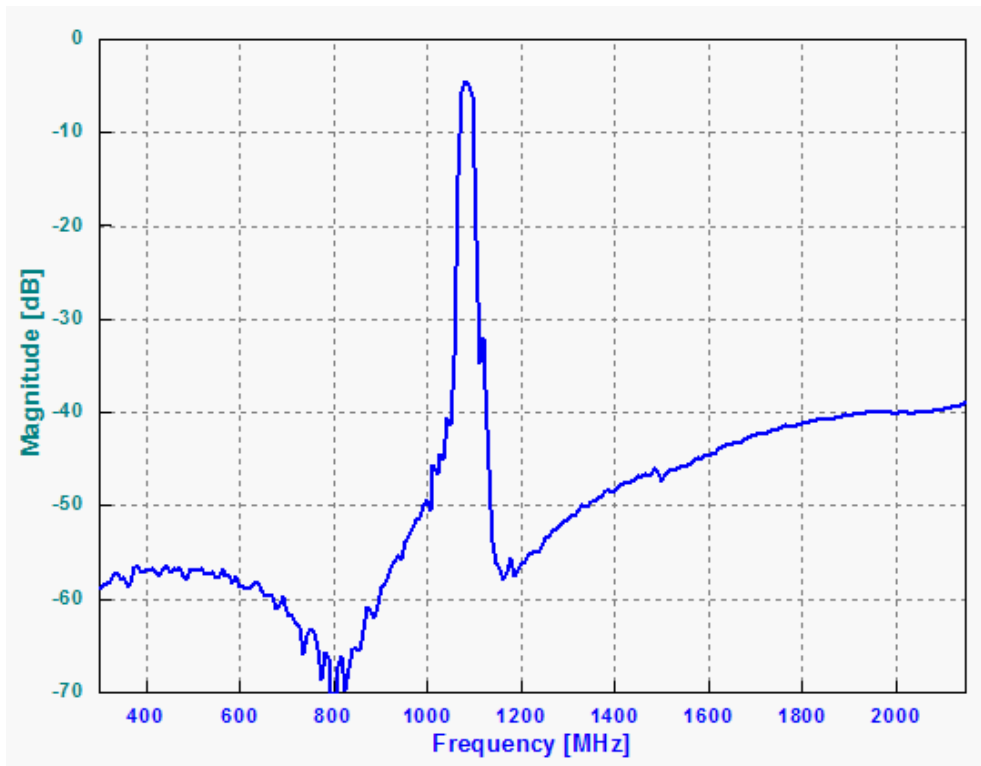
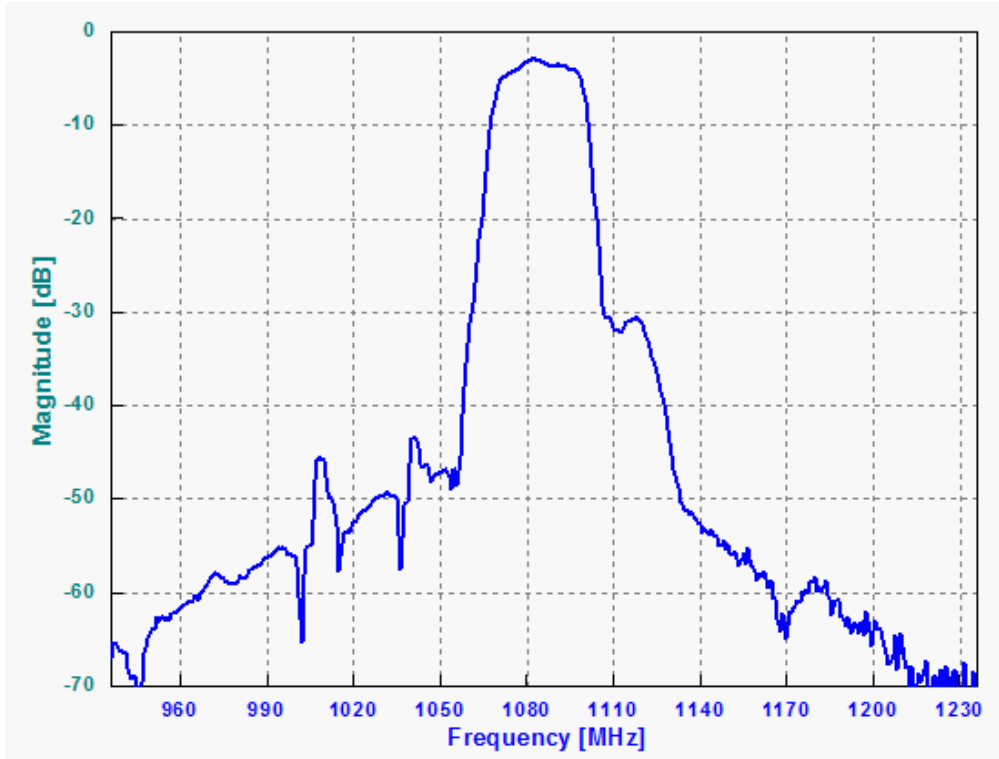


1086 MHz Saw Filter

Part Number: AM1086S942

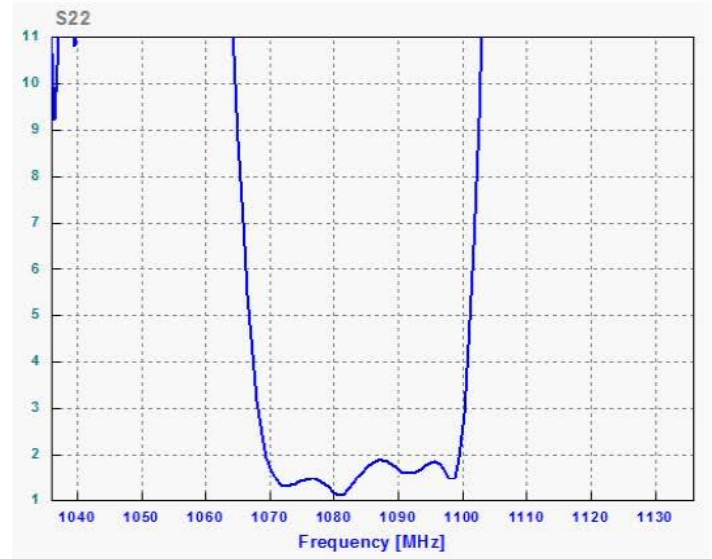
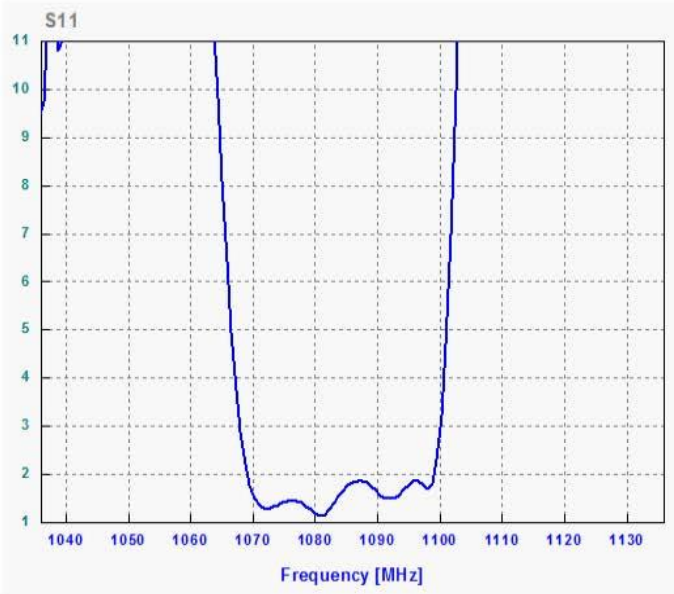


Response Plot:





VSWR



Smith Chart

