



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1575 MHz GPS RF Saw Filter

Part Number: AM1575S373



Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	1575.42	-
Insertion Loss within 1574.42 ~ 1576.42 MHz	dB	-	1.0	1.5
Amplitude Ripple within 1574.42 ~ 1576.42 MHz	dBp-p	-	0.1	0.5
VSWR within 1574.42 ~ 1576.42 MHz	-	-	1.1	1.5
Stop Band Attenuation:				
DC ~ 1429 MHz	dB	19	21	-
1429 ~ 1501 MHz	dB	23	26	-
1501 ~ 1526 MHz	dB	20	25	-
1625 ~ 1650 MHz	dB	15	30	-
1650 ~ 2200 MHz	dB	21	25	-
2200 ~ 2500 MHz	dB	21	25	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	7.5
Maximum Input Power	dBm	-	-	20
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Single Ended) ₁	Ω	-	50	-
Package Size and Type	2.5 x 2.0 x 1.0 mm L			



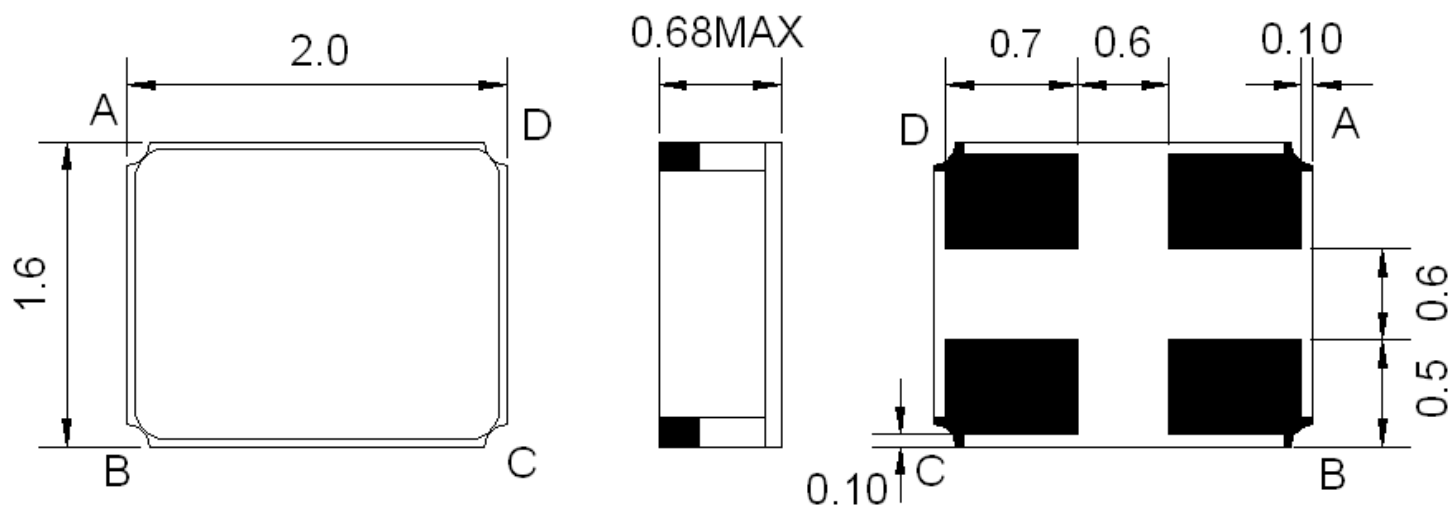
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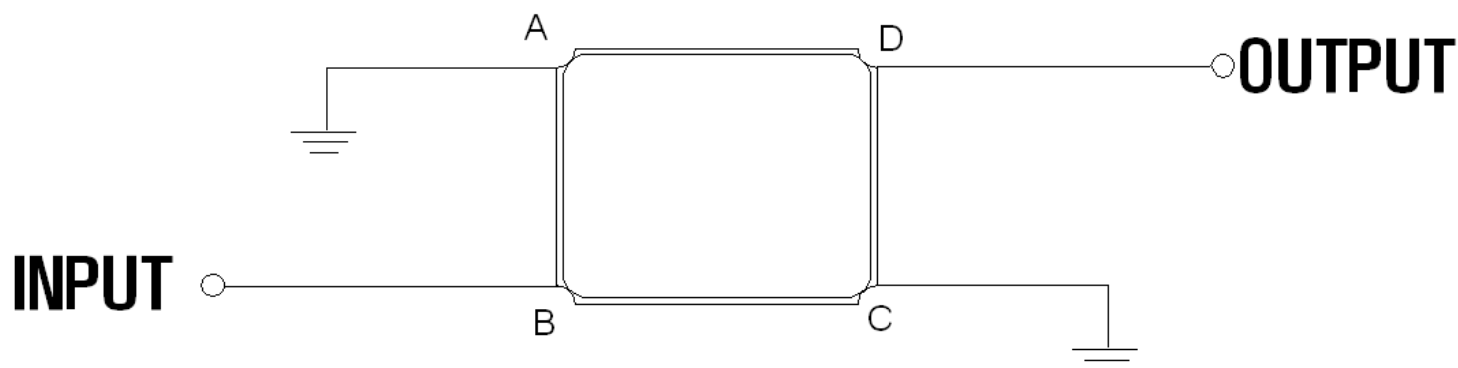
Outline Drawing:



Pin Description:

Ground – A C
Input – B
Output – D

Testing Environment:



Source/Load Impedance: 50 Ω



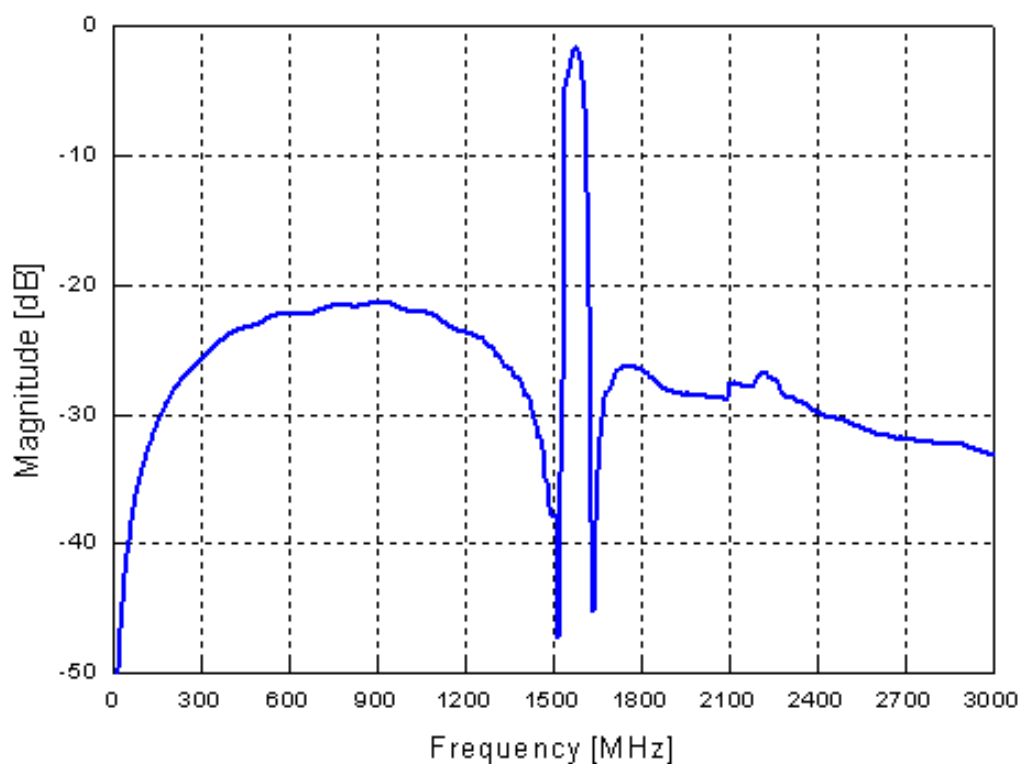
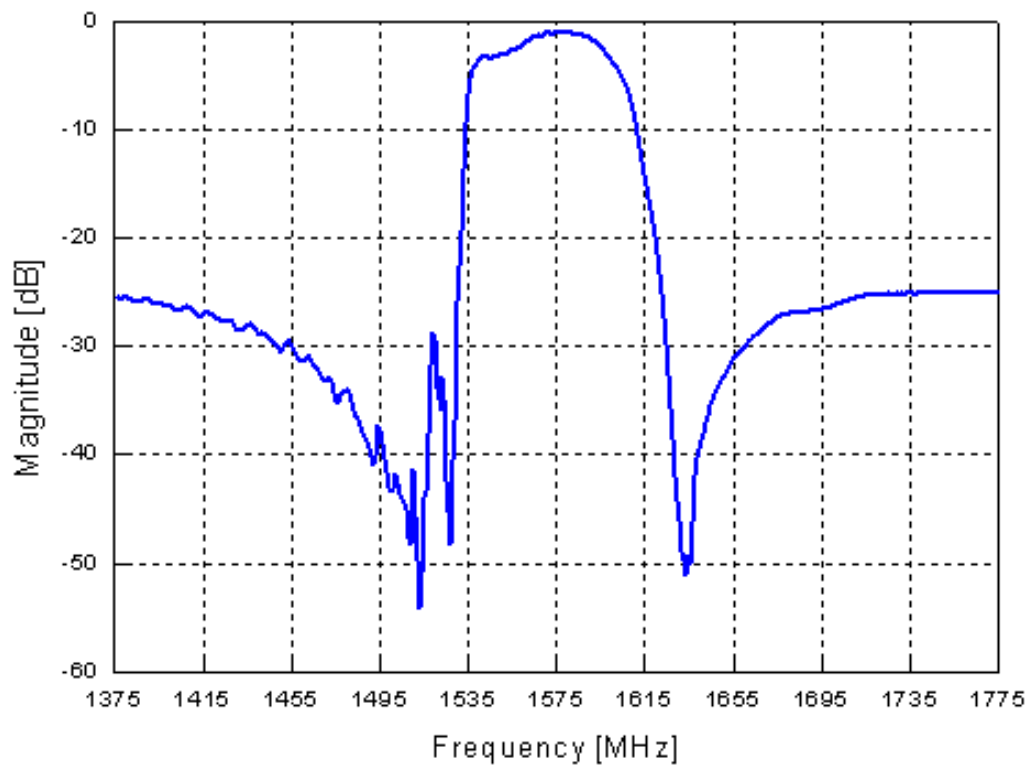
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Response Plot:





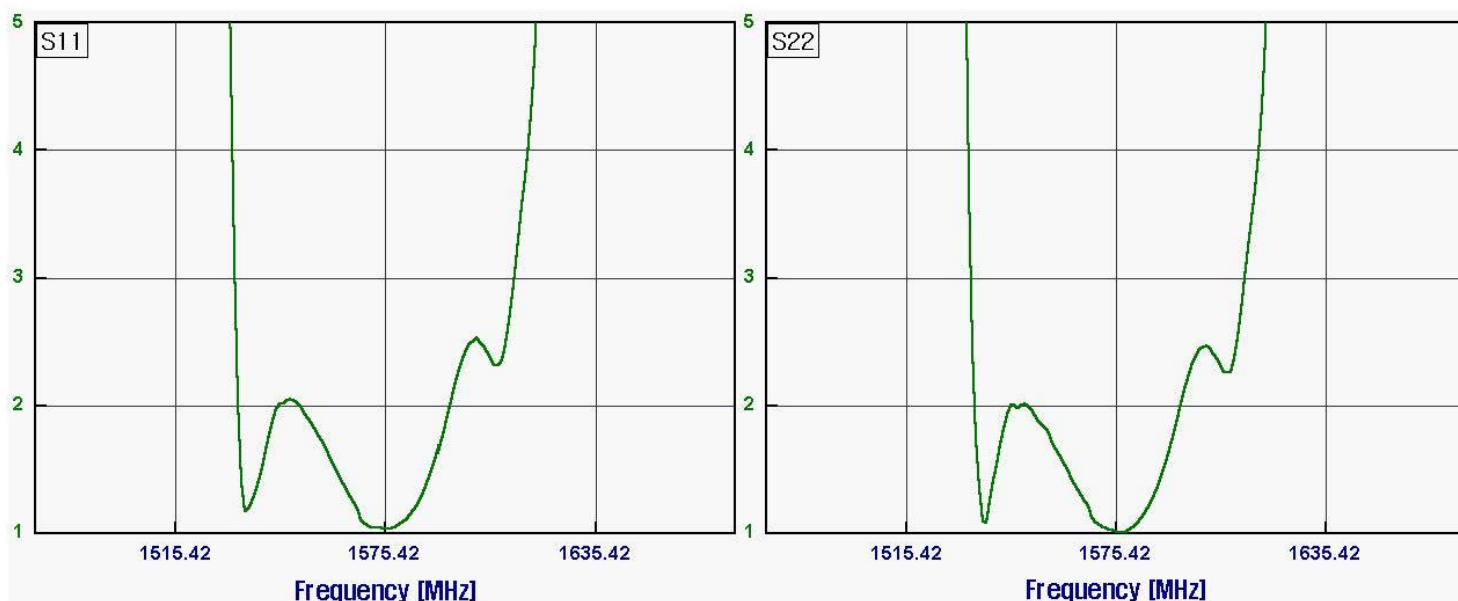
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VSWR



Smith Chart

