



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1575 MHz GPS RF Saw Filter

Part Number: AM1575S376

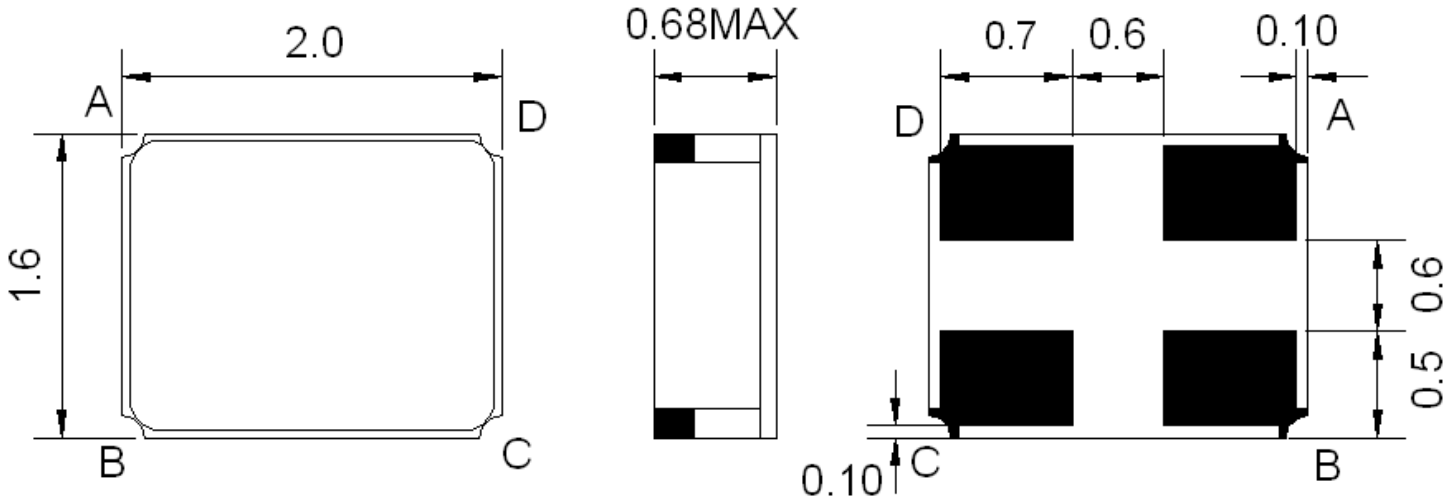


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	1575.42	-
Insertion Loss within 1574.42 ~ 1576.42 MHz	dB	-	1.7	2.2
Amplitude Ripple within 1574.42 ~ 1576.42 MHz	dB _{p-p}	-	0.1	1.0
VSWR within 1574.42 ~ 1576.42 MHz	-	-	1.15	2.0
Attenuation:				
DC ~ 1400 MHz	dB	35	37	-
1400 ~ 1475 MHz	dB	35	38	-
1475 ~ 1525 MHz	dB	30	35	-
1625 ~ 1640 MHz	dB	40	55	-
1640 ~ 2000 MHz	dB	35	40	-
2000 ~ 3000 MHz	dB	25	29	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	10
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Single Ended) ₁	Ω	-	50	-
Package Size and Type	2.0 x 1.6 x 0.68 mm J			



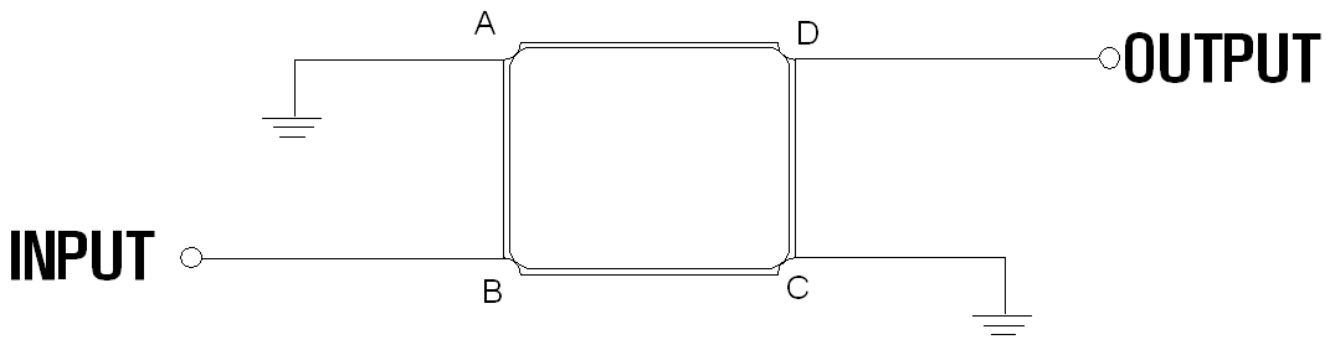
Outline Drawing:



Pin Description:

Ground – A C
Input – B
Output – D

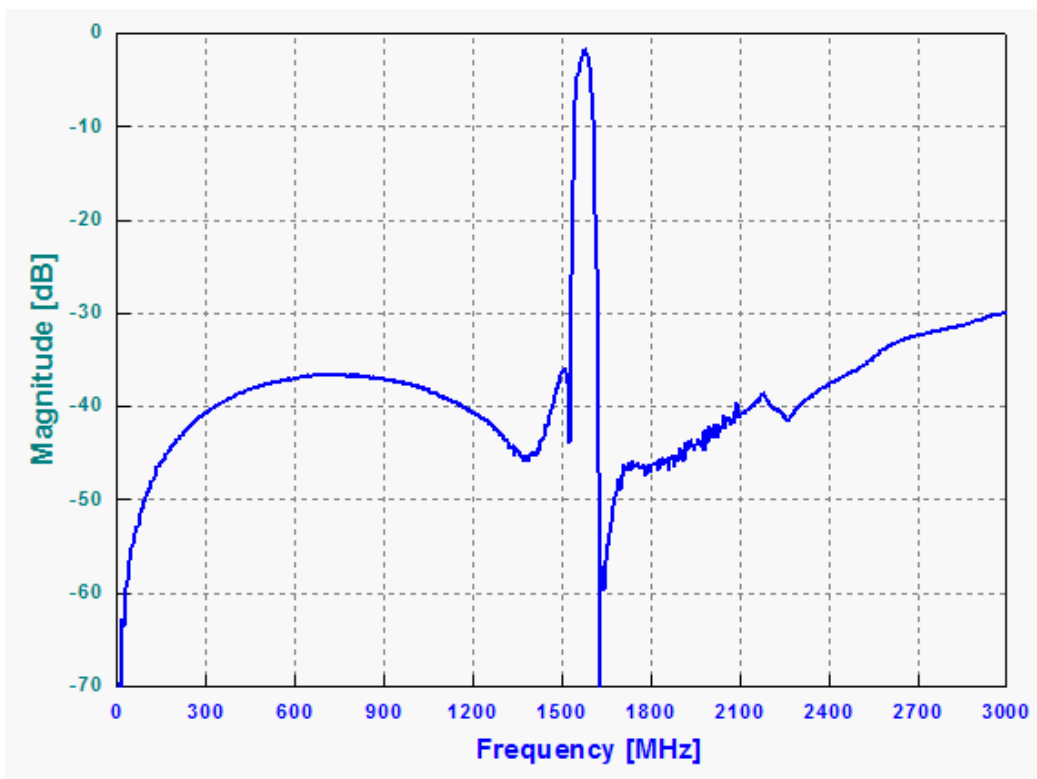
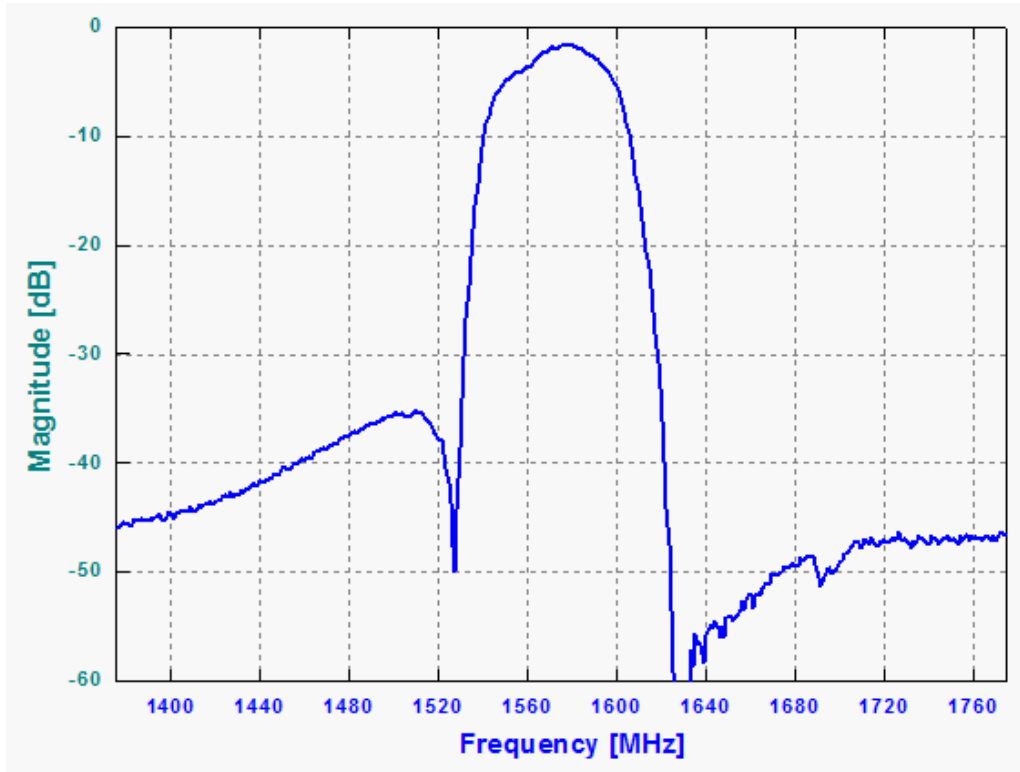
Testing Environment:



Source/Load Impedance: 50 Ω

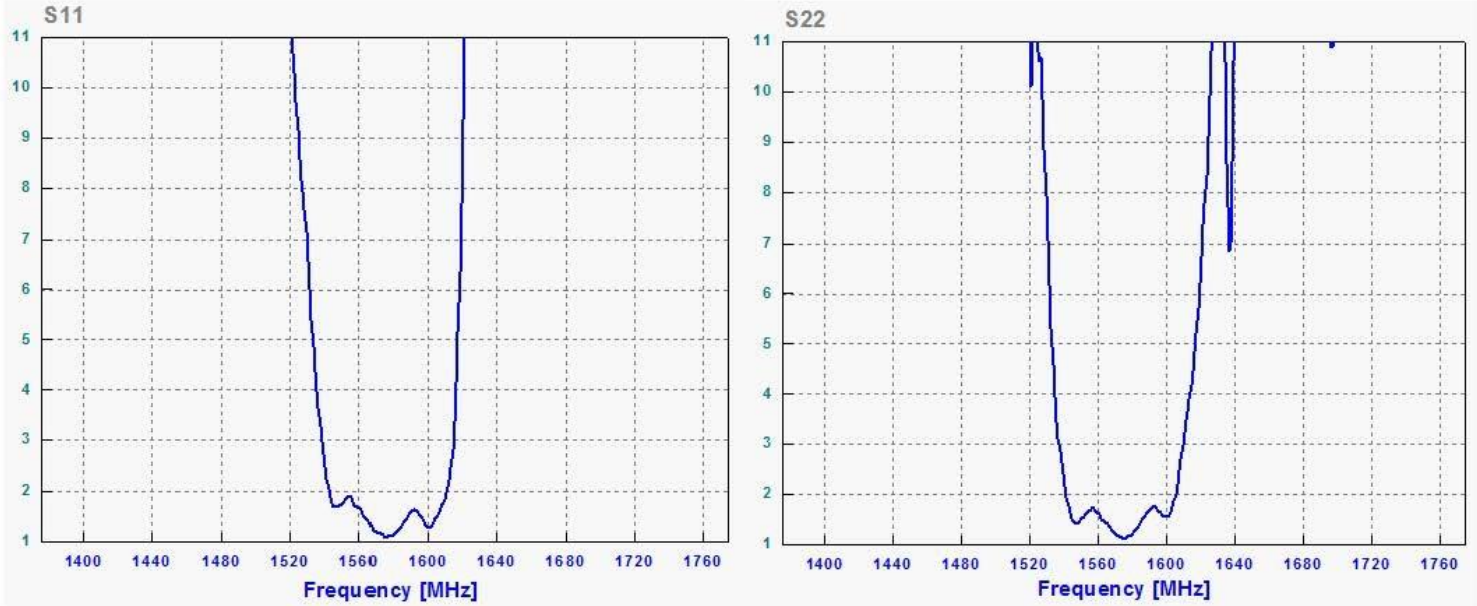


Response Plot:





VSWR



Smith Chart

