



ANATECH ELECTRONICS, INC.

Manufacturer of RF & Microwave Filters and Products



2140 MHz WCDMA Saw Filter

Part Number – AM2140S347

Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	2140.0	-
Insertion Loss within 2122.5 ~ 2157.5 MHz	dB	-	1.8	3.0
Amplitude Ripple within 2122.5 ~ 2157.5 MHz	dB _{p-p}	-	0.5	1.5
Group Delay Ripple within 2122.5 ~ 2157.5 MHz	ns _{p-p}	-	7.0	16
Attenuation:				
D.C. ~ 1880.0 MHz	dB	27	35	-
1880.0 ~ 2040.0 MHz	dB	30	35	-
2215.0 ~ 2400.0 MHz	dB	35	45	-
2400.0 ~ 3245.0 MHz	dB	25	30	-
3245.0 ~ 4000.0 MHz	dB	20	25	-
VSWR within 2122.5 ~ 2157.5 MHz	-	-	2.0	2.5

Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-20	-	+75
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) ⁽¹⁾		-	50	-
Load Impedance (single ended) ⁽¹⁾		-	50	-
Package type & size	M1			
Length x Width	-	-	3.0 x 3.0	-
Height	mm	-	-	1.3

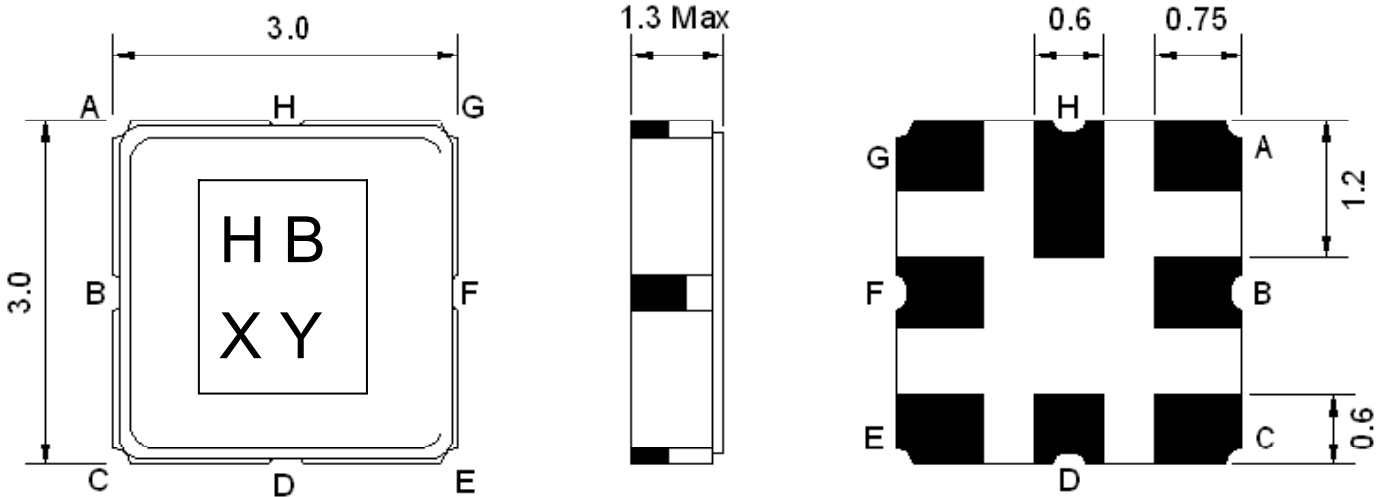


ANATECH ELECTRONICS, INC.

Manufacturer of RF & Microwave Filters and Products



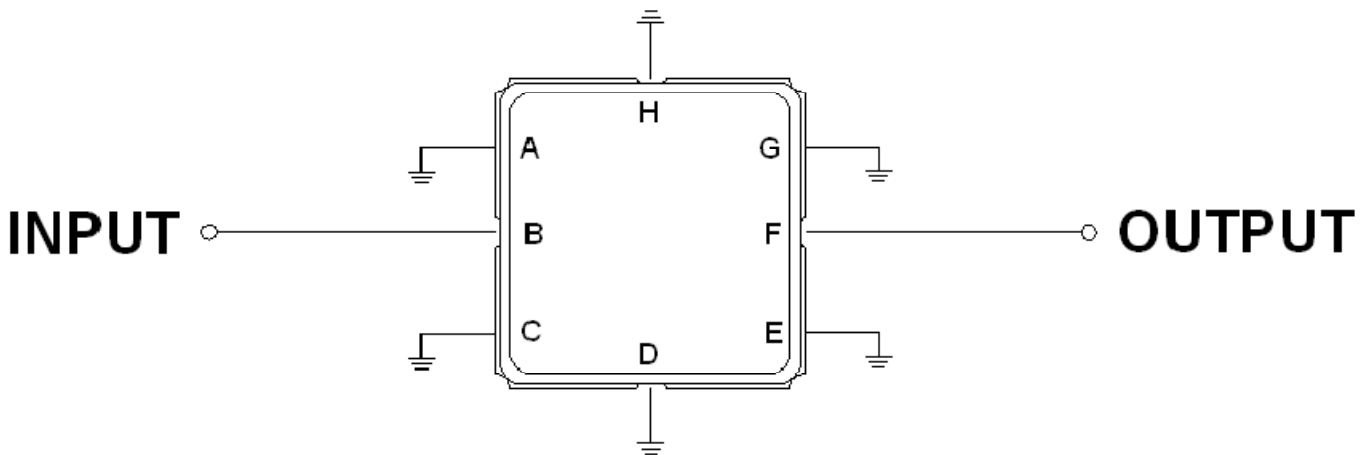
Package Dimensions:



Marking Descriptions	
H	WCDMA Application
B	Series Number
X	Date Code(Year)
Y	Date Code(Month)

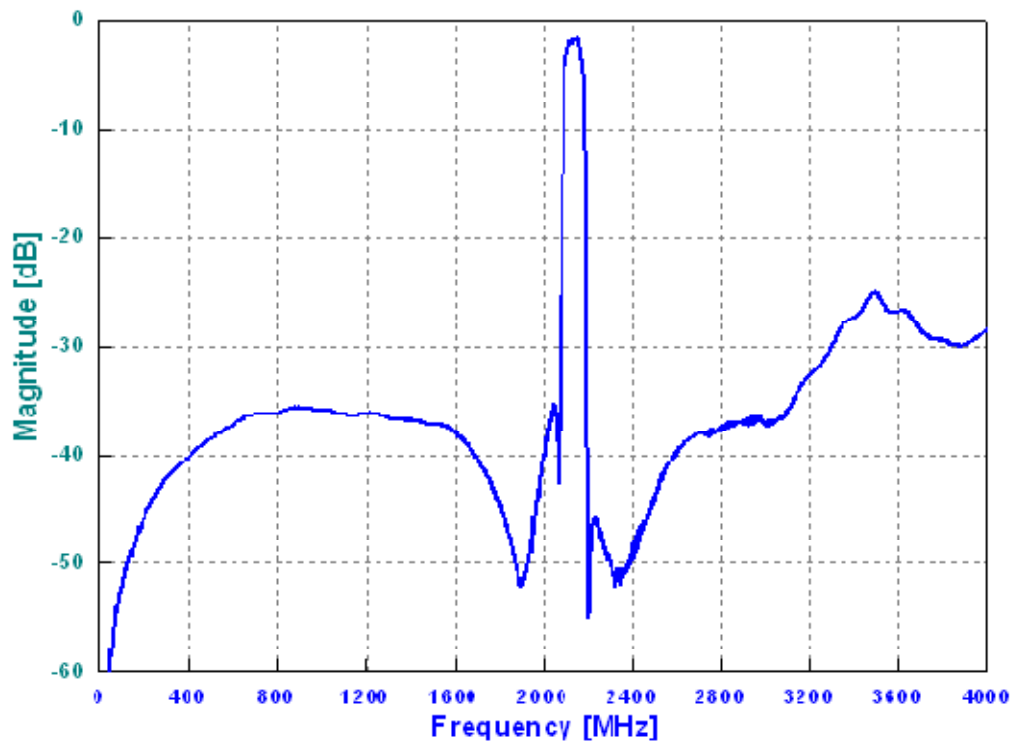
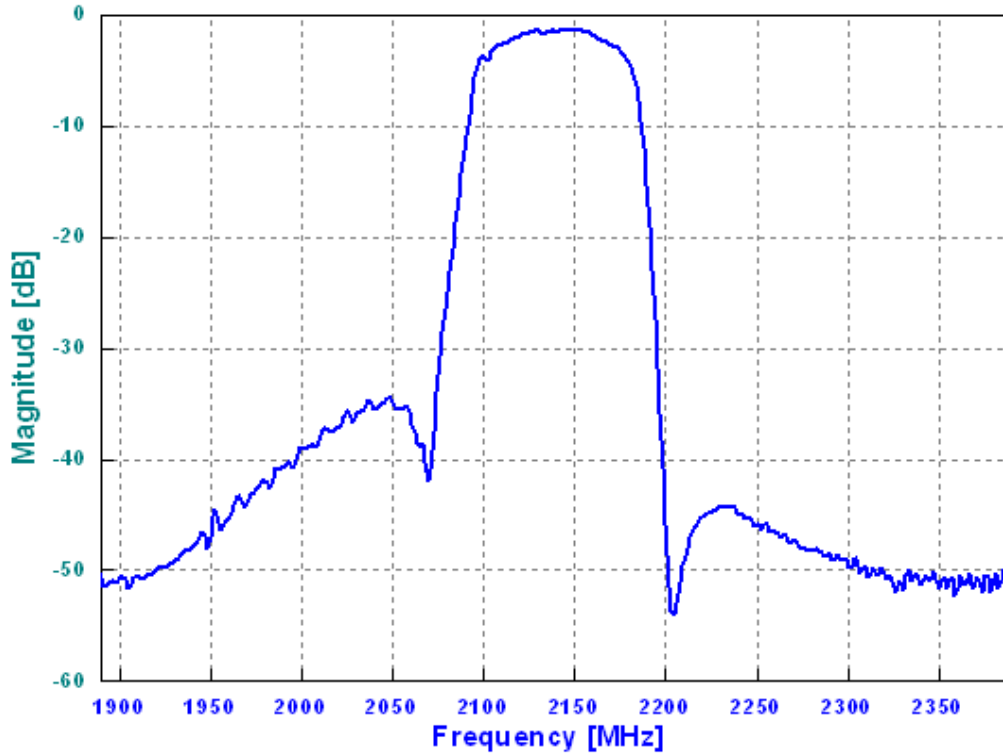
Pin Description	
A, C, D, E, G	Ground
B	In
F	Out

Testing Environment:





Frequency Response:



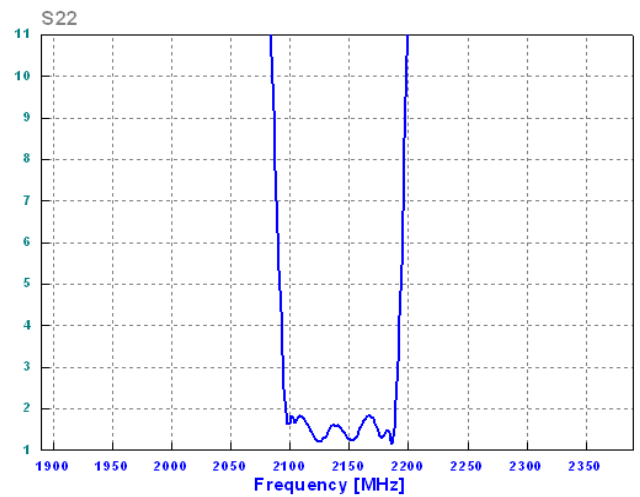
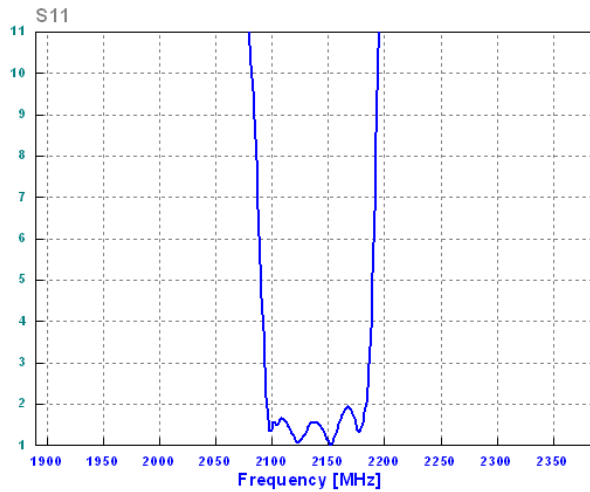


ANATECH ELECTRONICS, INC.

Manufacturer of RF & Microwave Filters and Products



VSWR:



Smith Chart:

