



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

453 MHz CDMA 450 H-Band RF-Tx Saw Filter

Part Number: AM453S141

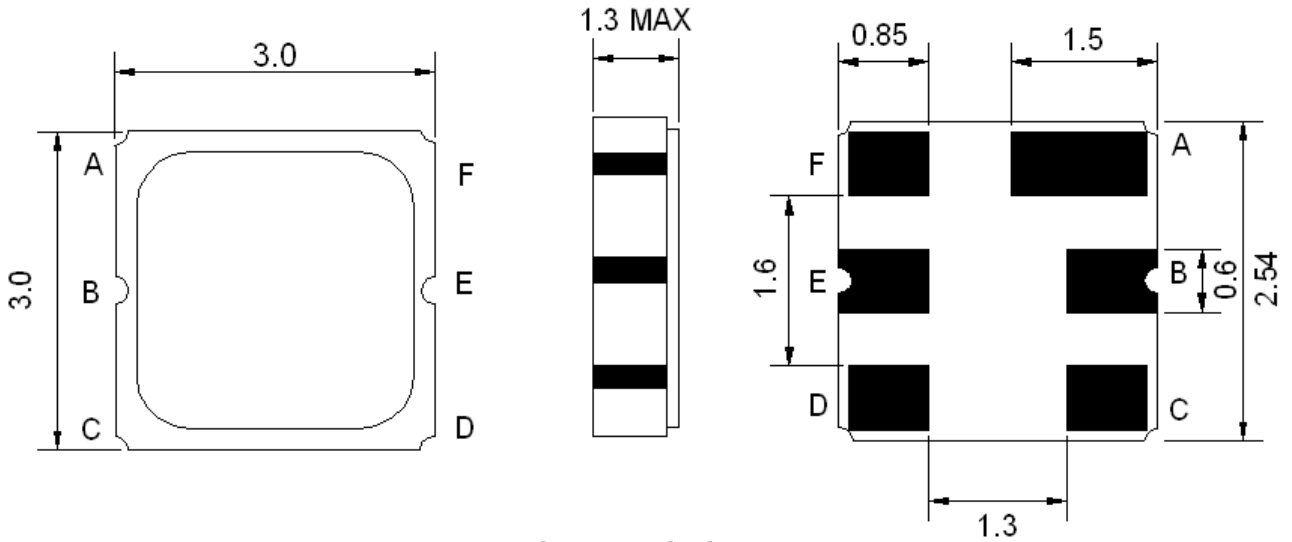


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	453.5	-
Insertion Loss within 451.3 ~ 455.8 MHz	dB	-	1.9	2.8
VSWR within 451.3 ~ 455.8 MHz	-	-	1.2	2.0
Attenuation:				
0.3 ~ 440.0 MHz	dB	25	28	-
461.3 ~ 465.8 MHz	dB	30	48	-
465.8 ~ 1700.0 MHz	dB	20	25	-
1700.0 ~ 2000.0 MHz	dB	15	20	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	30
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Single Ended) ₁	Ω	-	50	-
Package Size and Type	3.0 x 3.0 x 1.3 mm		M	



Outline Drawing:



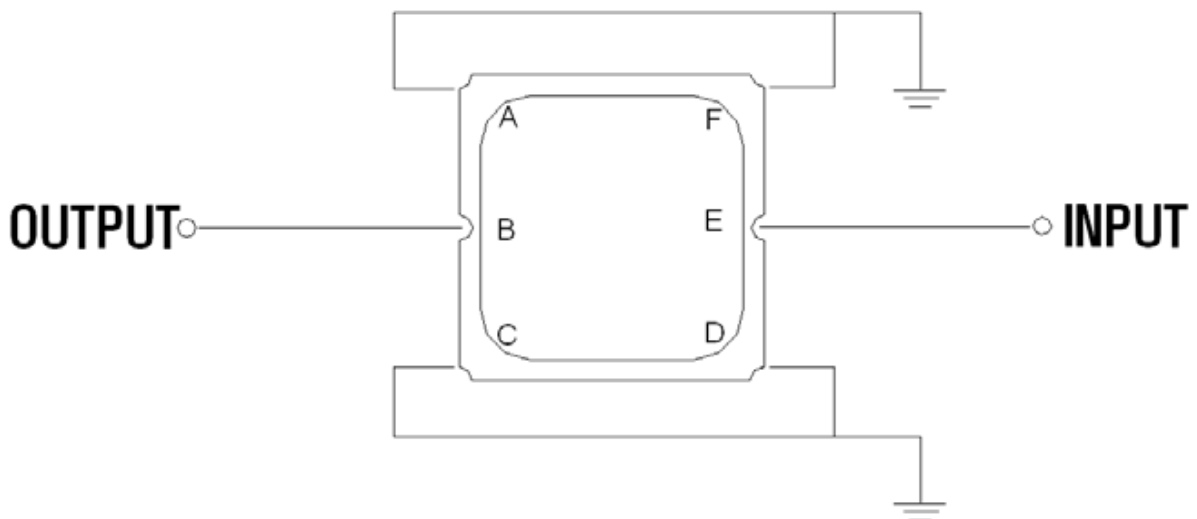
Pin Description:

Ground – A C D F

Input – E

Output – B

Testing Environment:



Source/Load Impedance: 50 Ω



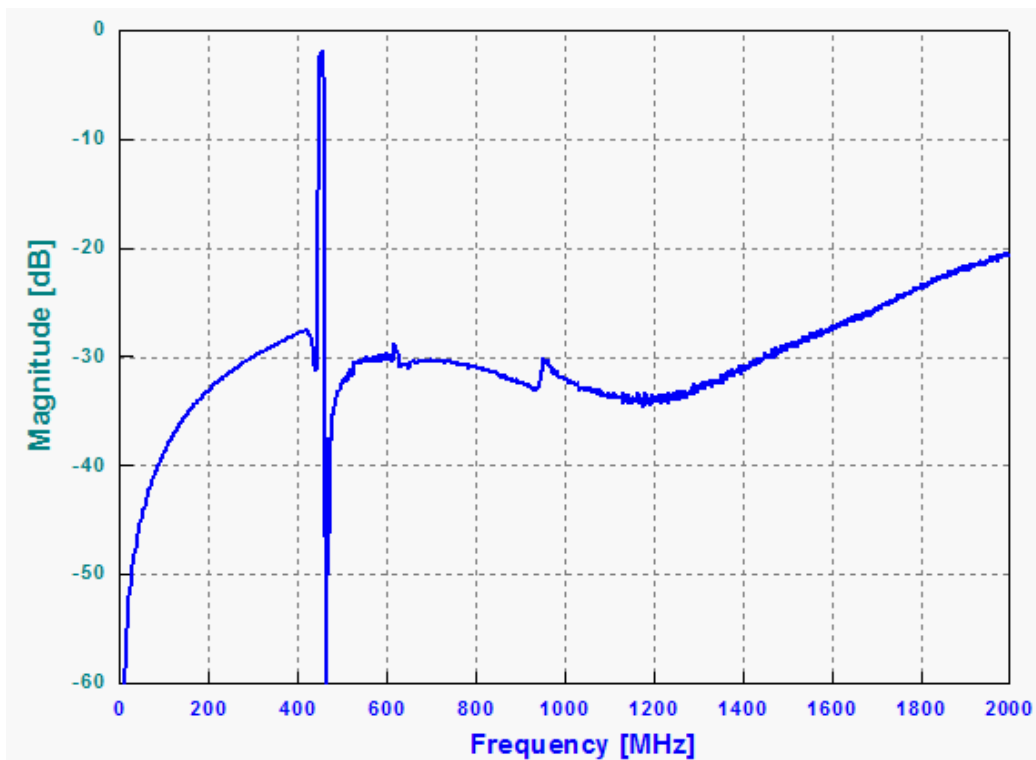
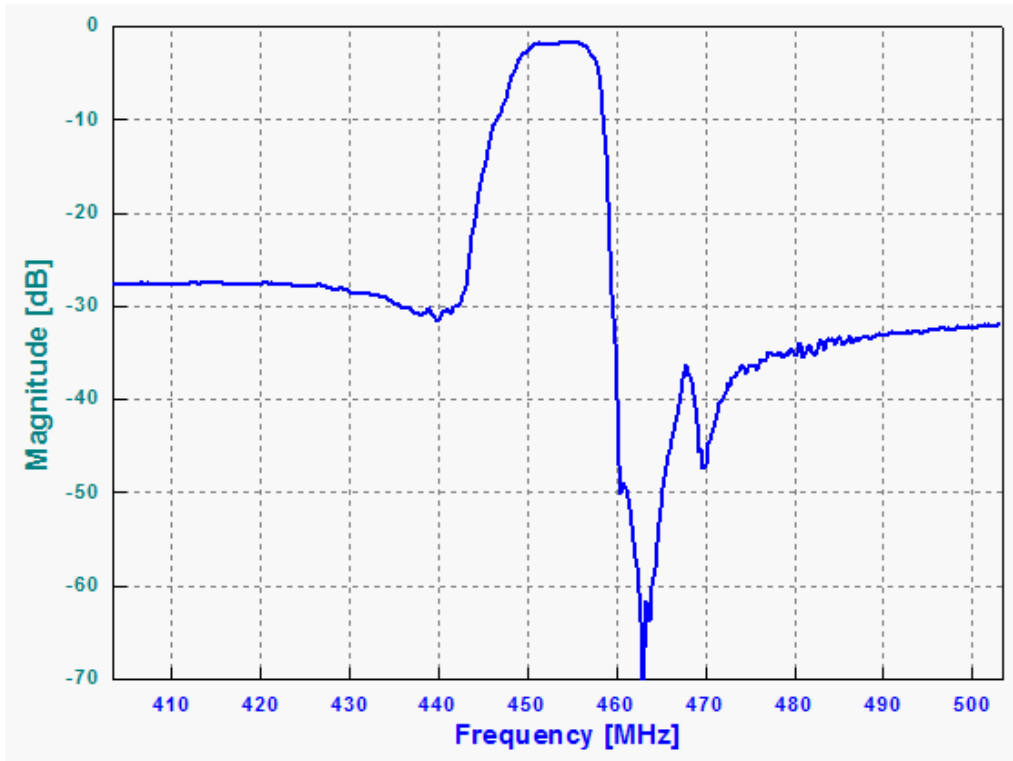
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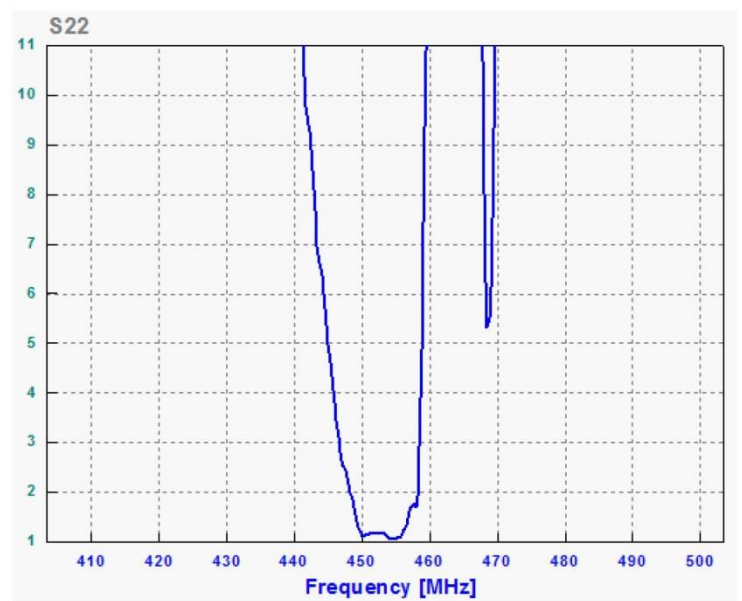
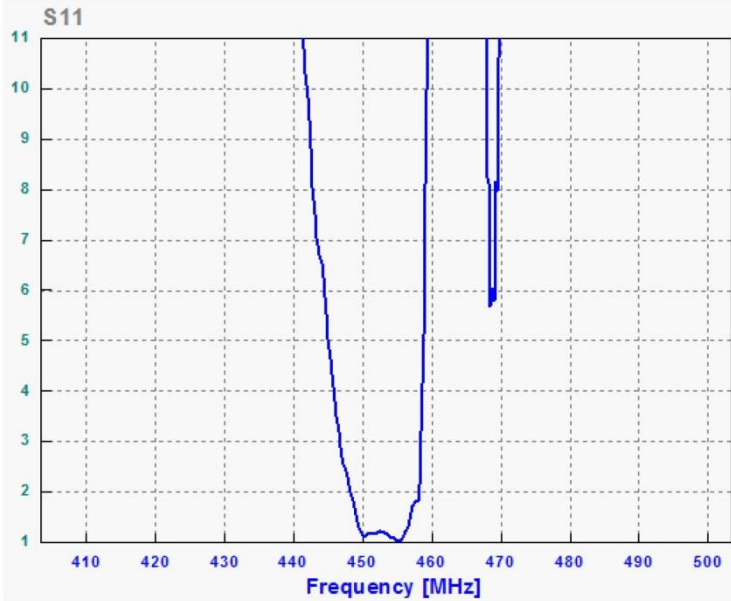


Response Plot:





VSWR



Smith Chart

