



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

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

Part Number: AM463S149



Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	463.5	-
Insertion Loss in 461.3 ~ 465.8 MHz	dB	-	2.7	3.5
VSWR in 461.3 ~ 465.8 MHz	-	-	1.5	2.0
Attenuation:				
0.3 ~ 451.3 MHz	dB	40	50	-
451.3 ~ 455.8 MHz	dB	35	48	-
485.0 ~ 507.5 MHz	dB	40	50	-
507.5 ~ 1200.0 MHz	dB	35	47	-
1200.0 ~ 2000.0 MHz	dB	30	40	-

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	-	-	27
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			



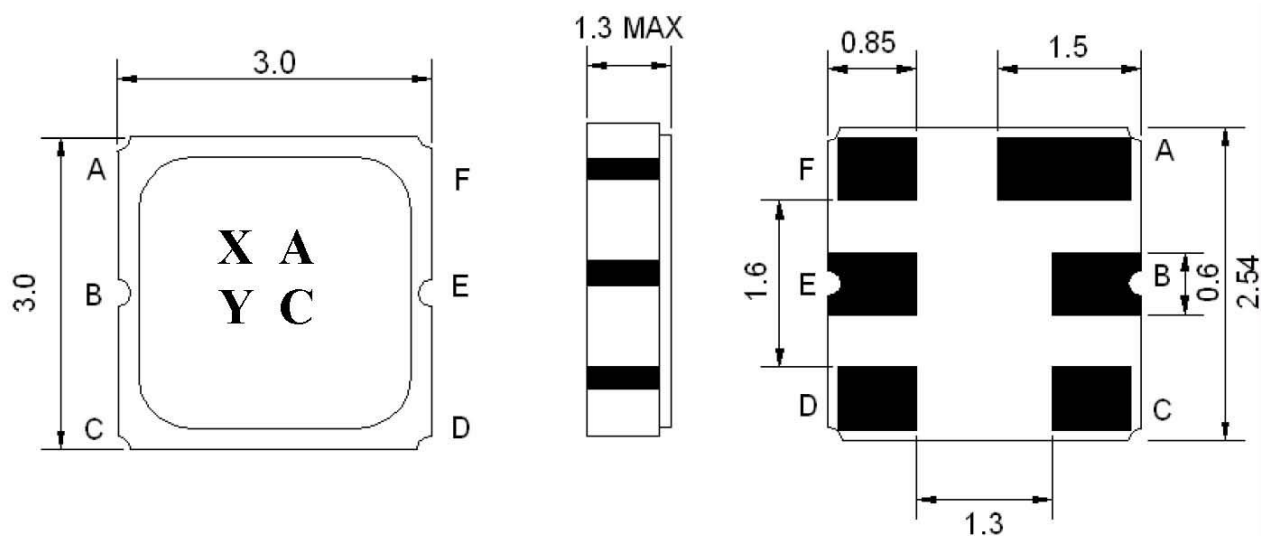
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Outline Drawing:



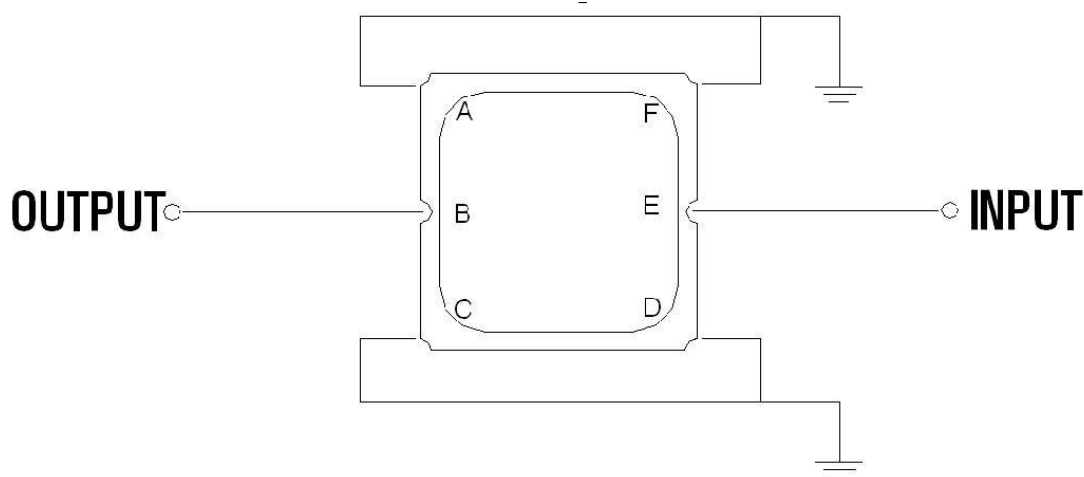
Pin Description:

Ground – A C D F

Input – E

Output – B

Testing Environment:



Source & Load Impedance: 50 Ω



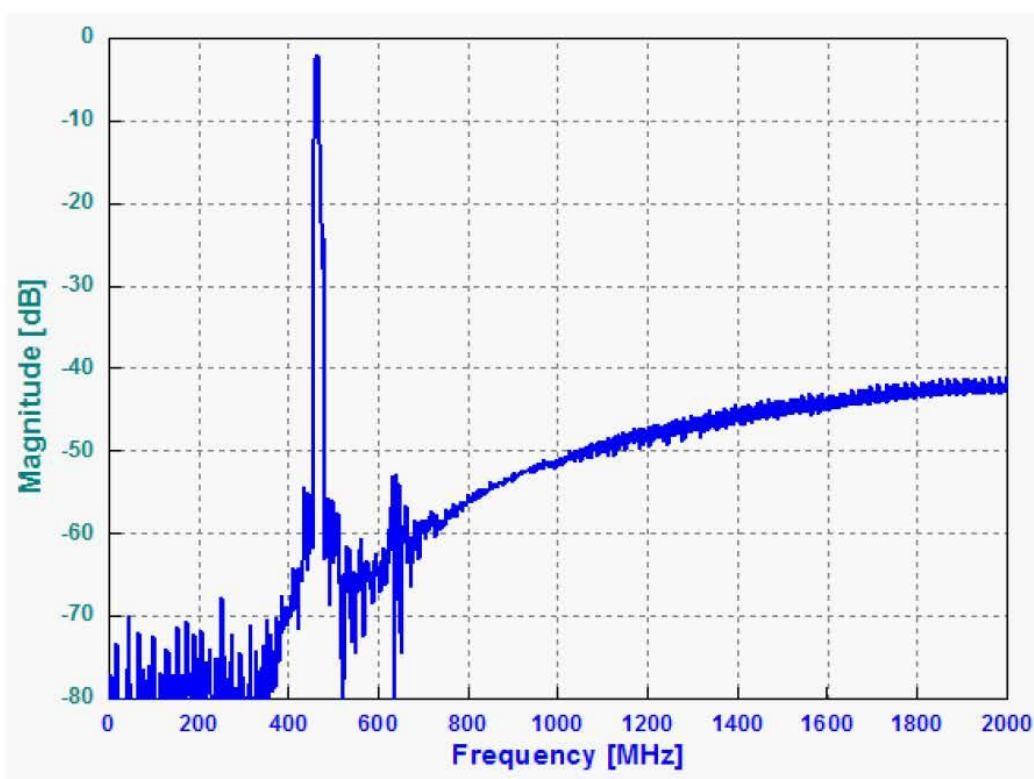
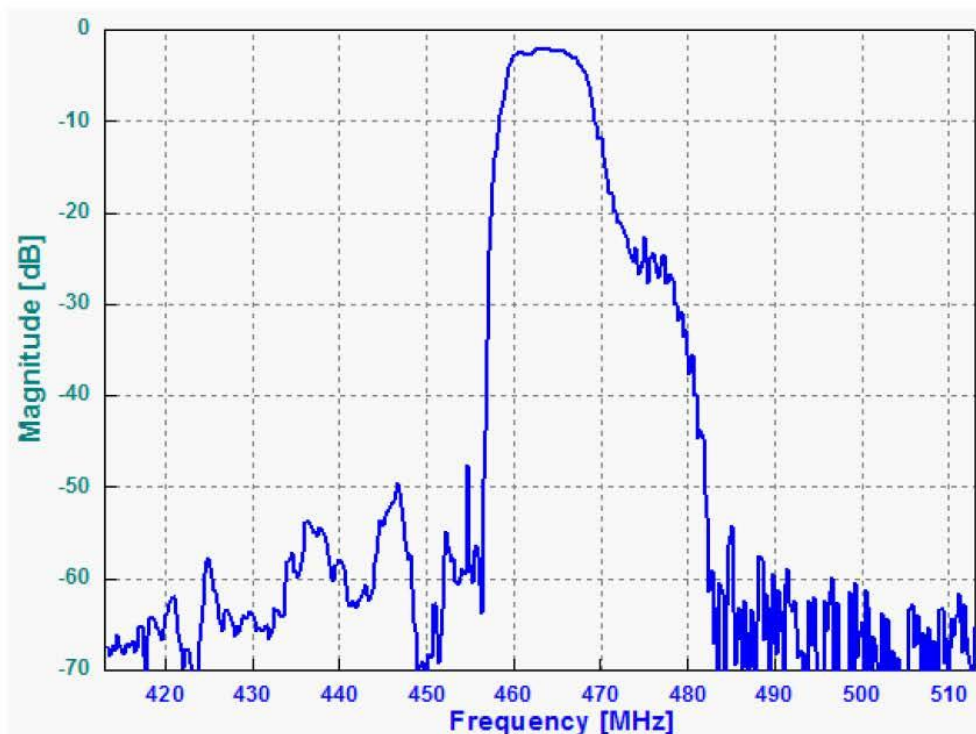
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Response Plot:





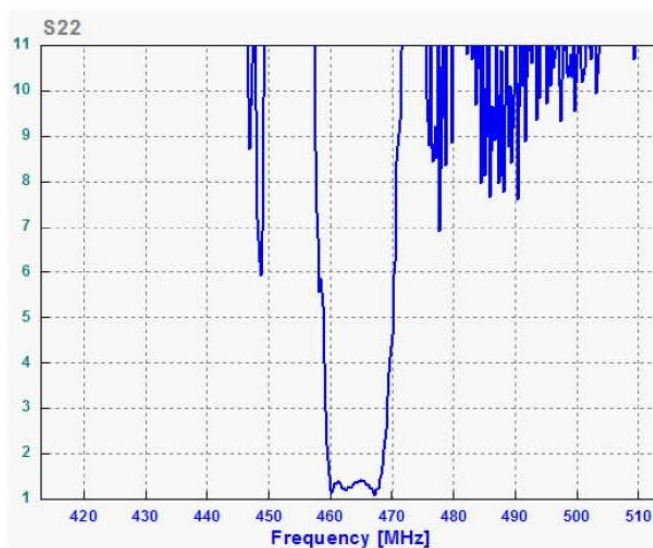
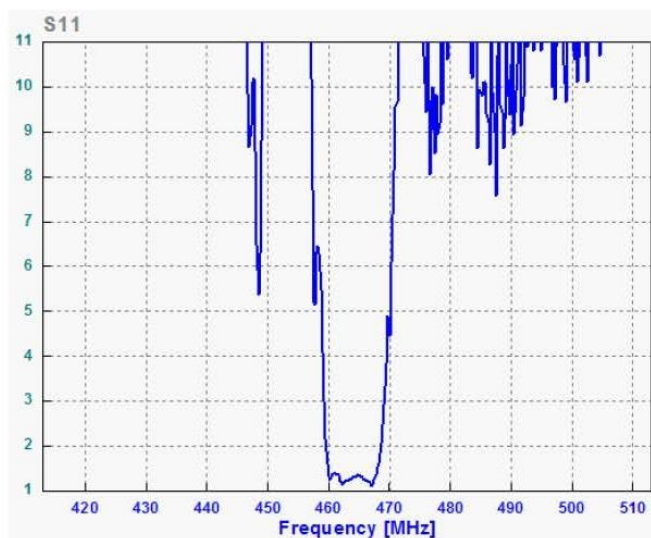
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VSWR



Smith Chart

