



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

881 MHz CDMA Balanced RF-Rx Saw Filter

Part Number: AM881S399

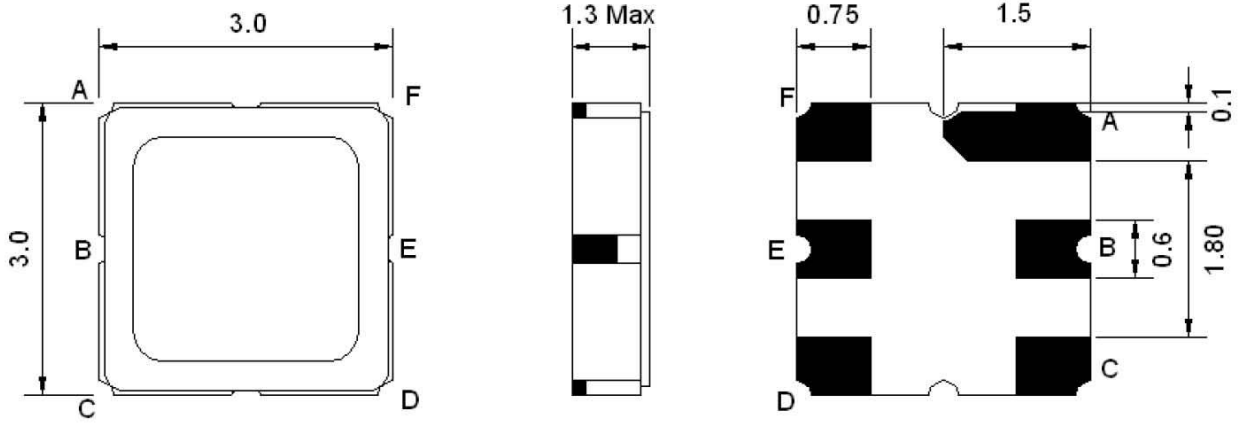


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	881.5	-
Insertion Loss within 869 ~ 894 MHz	dB	-	2.5	3.0
Amplitude Ripple within 869 ~ 894 MHz	dB _{p-p}	-	0.8	1.5
VSWR within 869 ~ 894 MHz	-	-	1.4	1.9
Attenuation:				
DC ~ 824 MHz	dB	40	47	-
824 ~ 849 MHz	dB	35	45	-
924 ~ 970 MHz	dB	25	30	-
970 ~ 1300 MHz	dB	40	45	-
1300 ~ 2000 MHz	dB	30	38	-
2000 ~ 2200 MHz	dB	25	38	-
2200 ~ 3000 MHz	dB	20	30	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	5
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Single Ended) ₁	Ω	-	50	-
Package Size	3.0 x 3.0 x 1.3 mm			

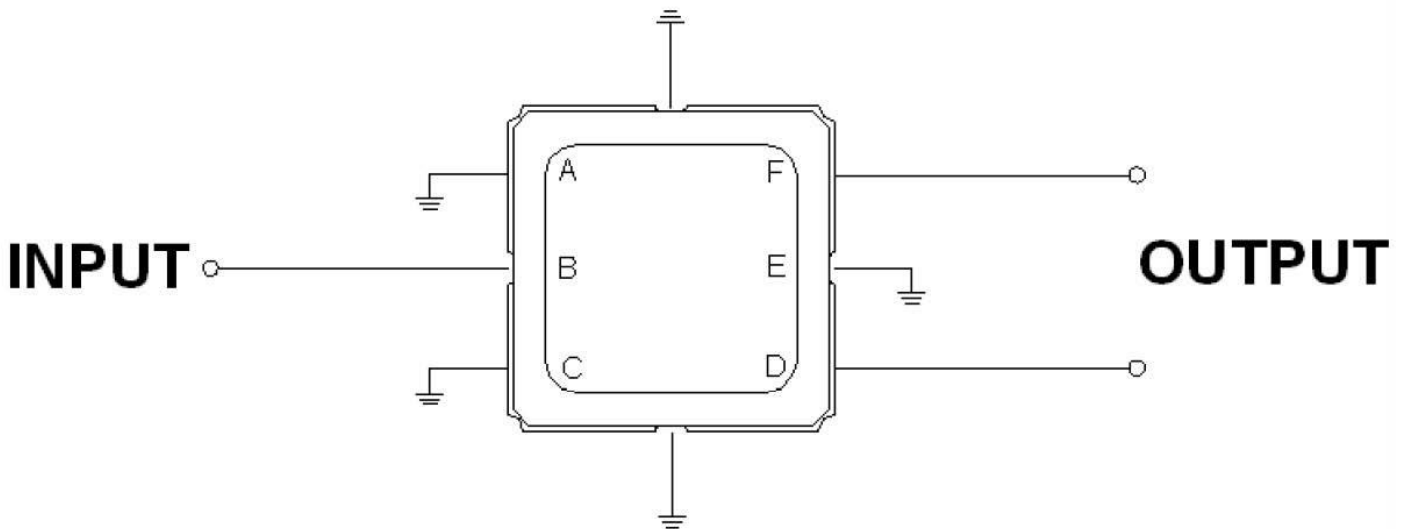


Outline Drawing:



Pin Description:
Ground – A C E
Input – B
Output – D F

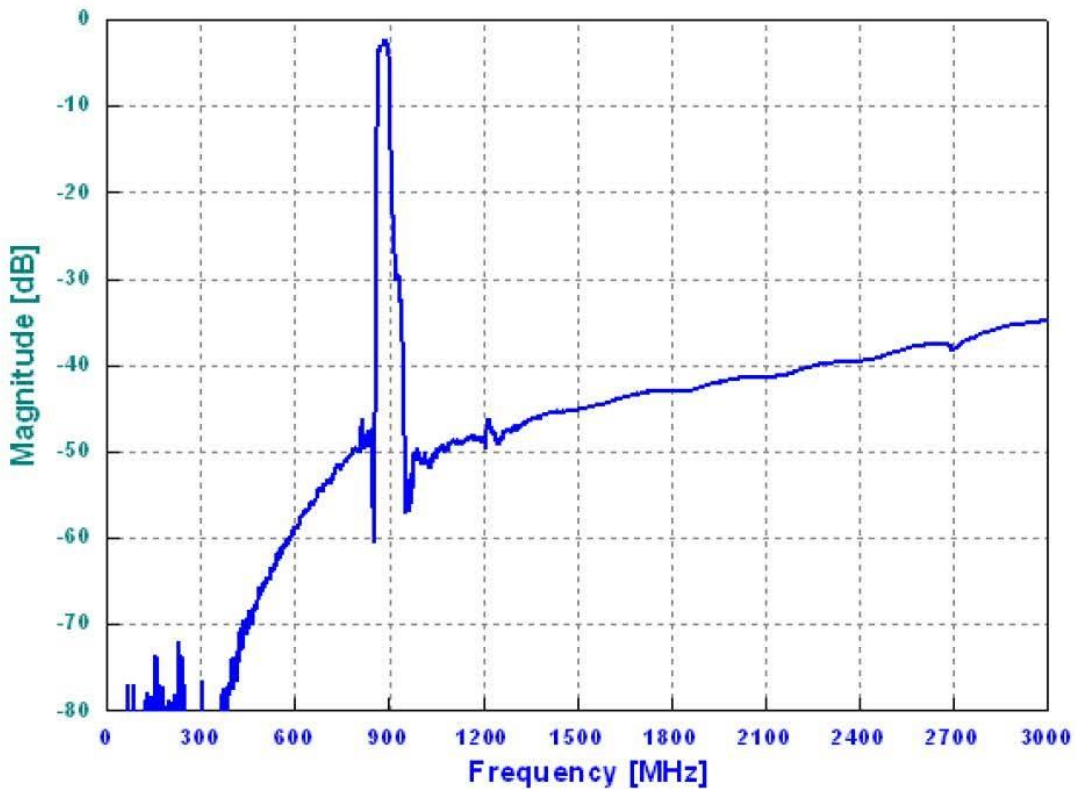
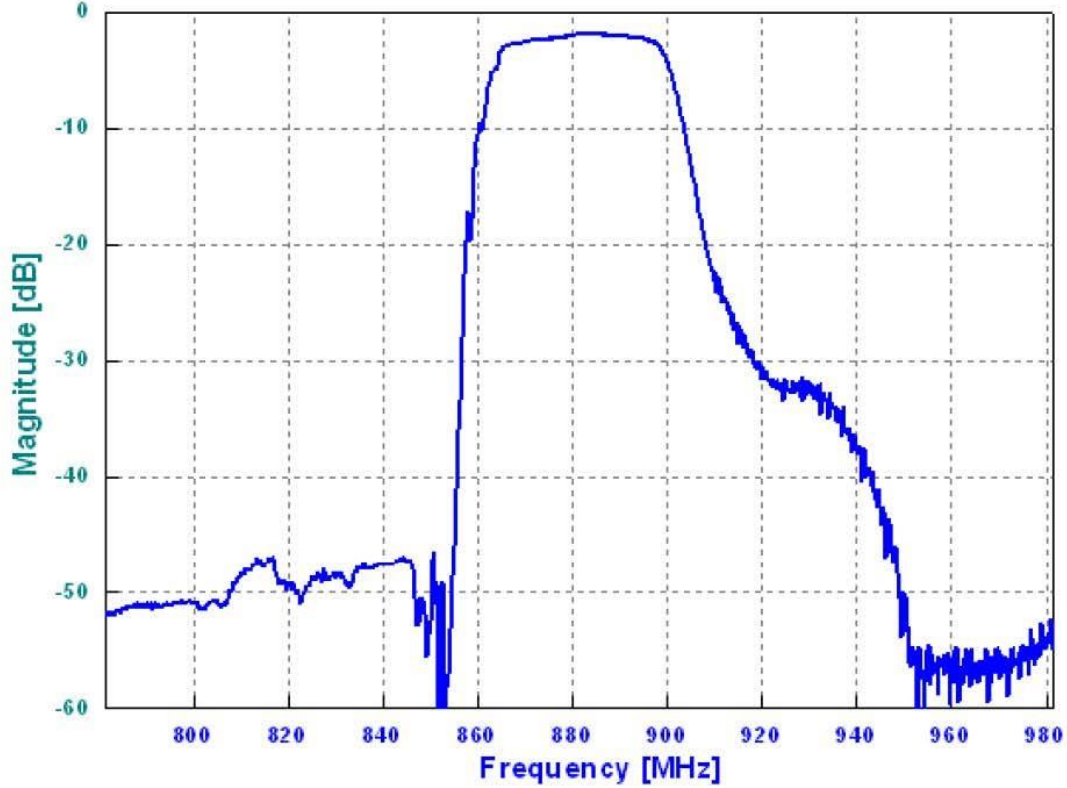
Testing Environment:



Source/Load Impedance: 50 Ω



Response Plot:





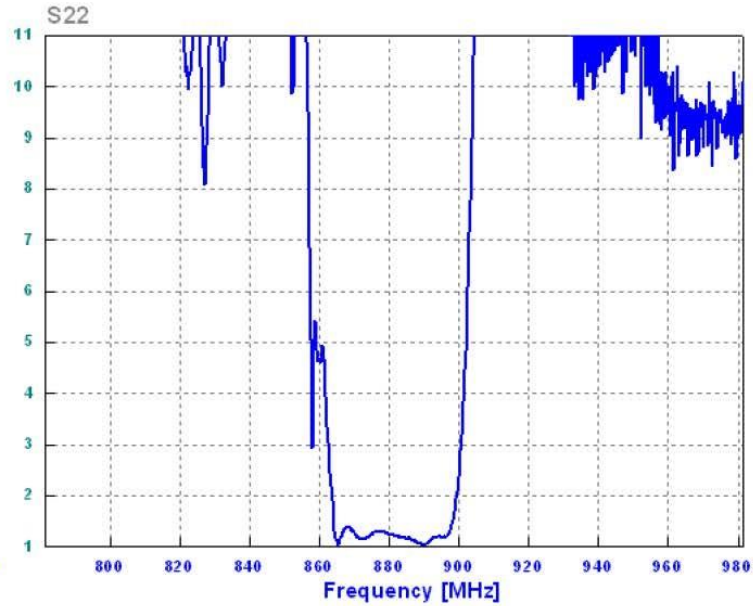
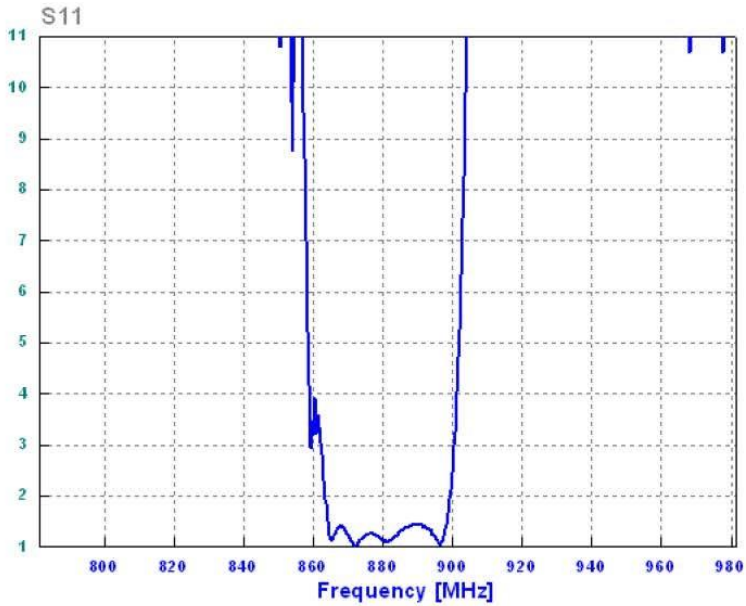
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VSWR



Smith Chart

