



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1880 MHz US-PCS RF-Tx Saw Filter

Part Number: AM1880S390

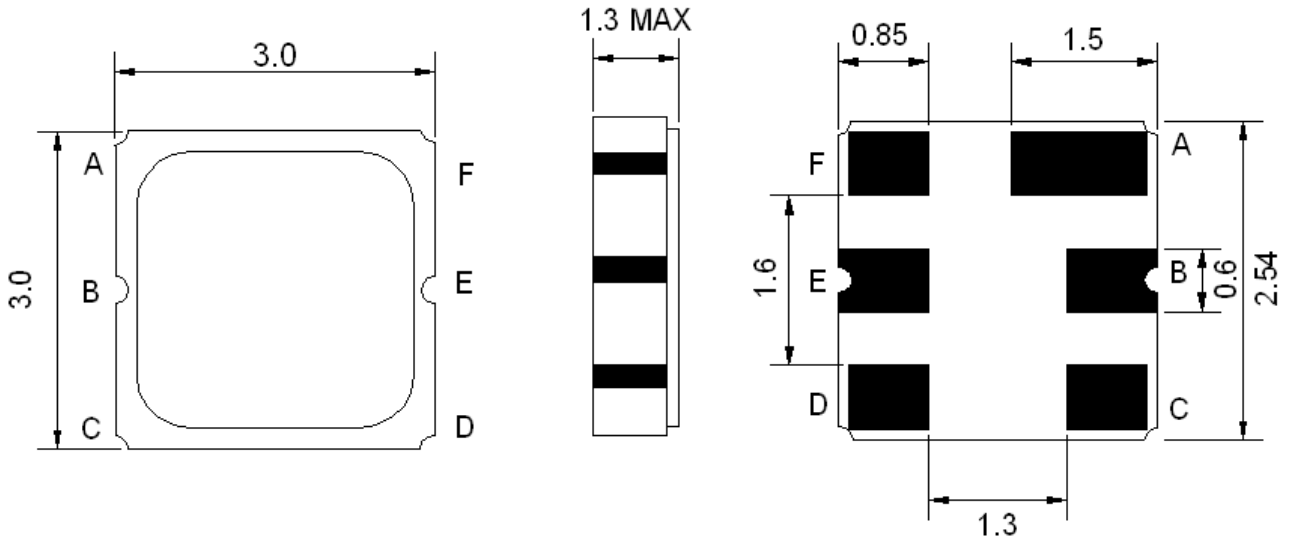


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	1880	-
Insertion Loss within 1850 ~ 1910 MHz	dB	-	3.0	4.0
Amplitude Ripple within 1850 ~ 1910 MHz	dBp-p	-	1.7	2.5
VSWR within 1850 ~ 1910 MHz	-	-	1.8	2.2
Attenuation:				
DC ~ 1660 MHz	dB	20	32	-
1660 ~ 1721 MHz	dB	25	32	-
1721 ~ 1800 MHz	dB	20	37	-
1930 ~ 1990 MHz	dB	7	19	-
2000 ~ 2040 MHz	dB	25	37	-
2040 ~ 2480 MHz	dB	31	38	-
3700 ~ 3820 MHz	dB	25	28	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+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	3.0 x 3.0 x 1.3 mm		M	



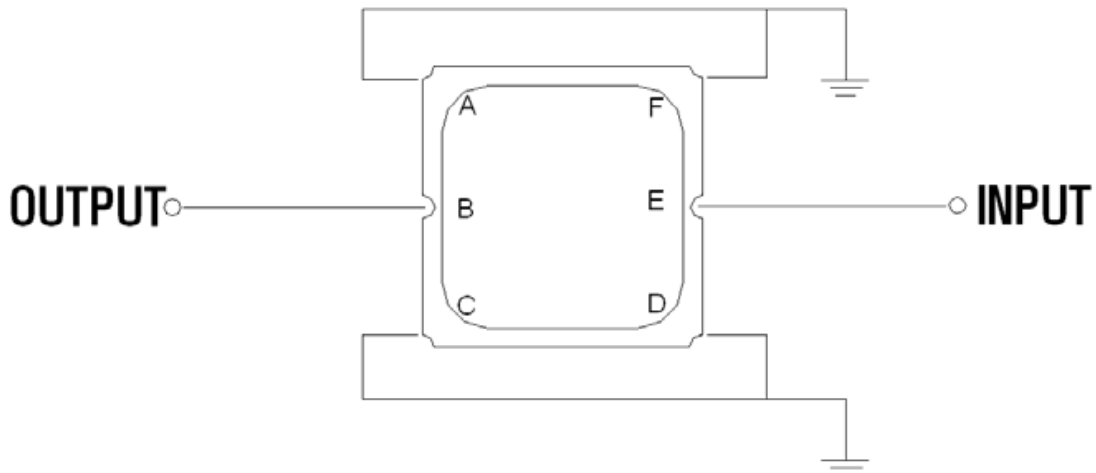
Outline Drawing:



Pin Description:

Ground – A C D F
 Input – E
 Output – B

Testing Environment:



Source/Load Impedance: 50 Ω



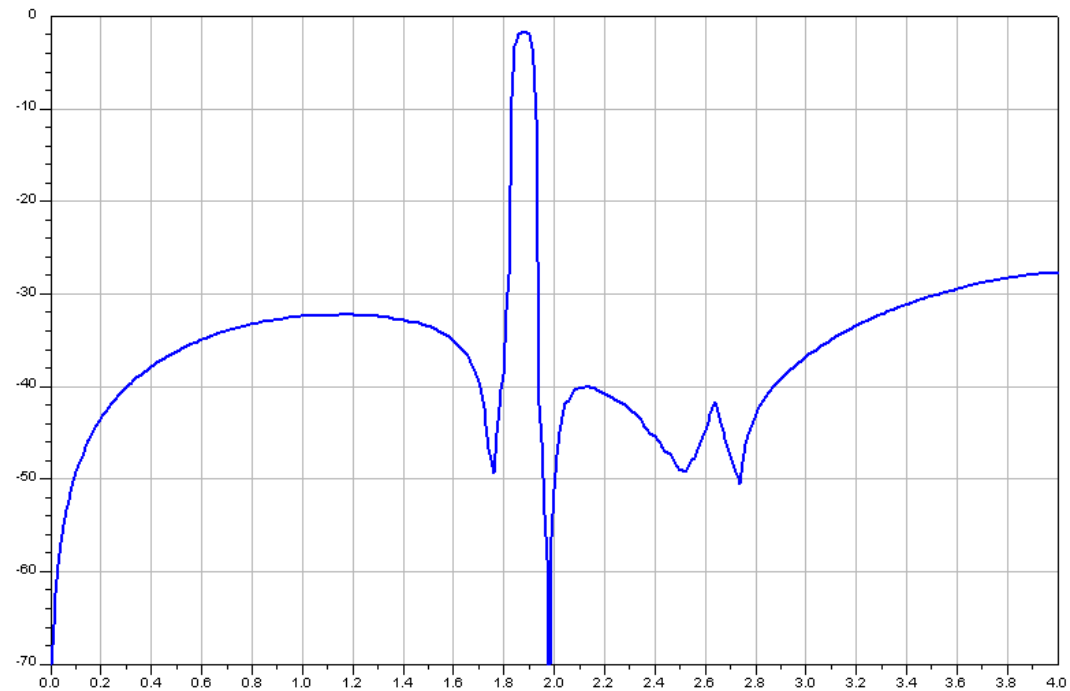
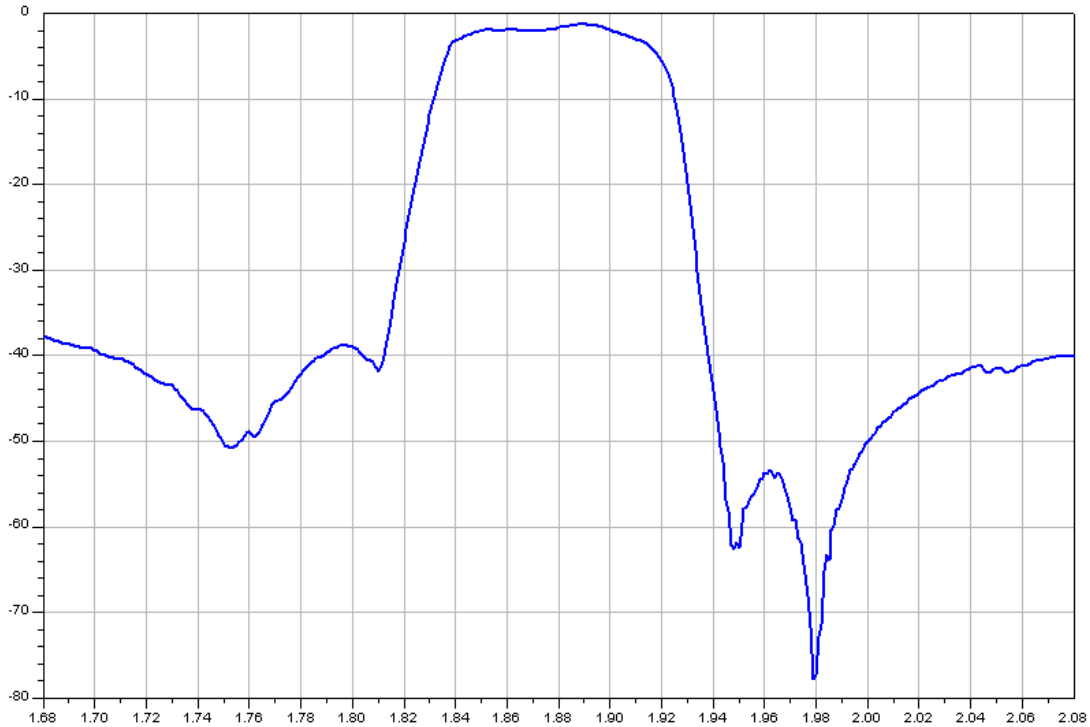
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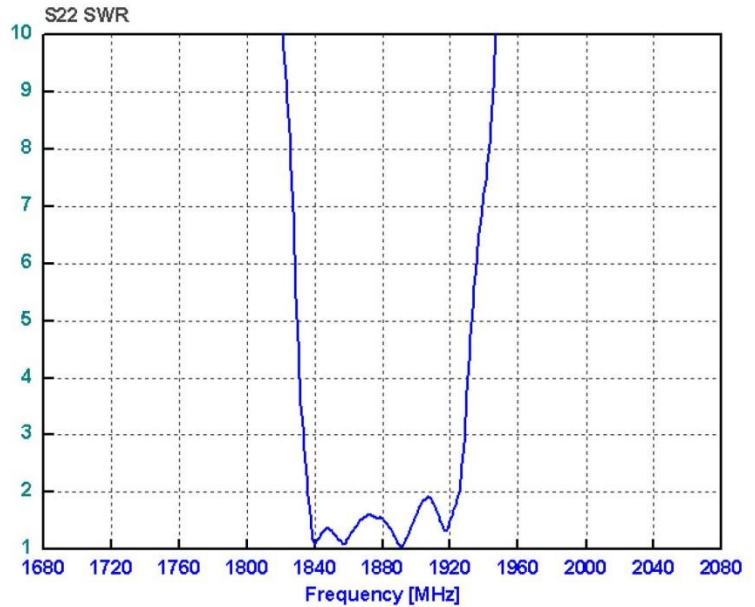
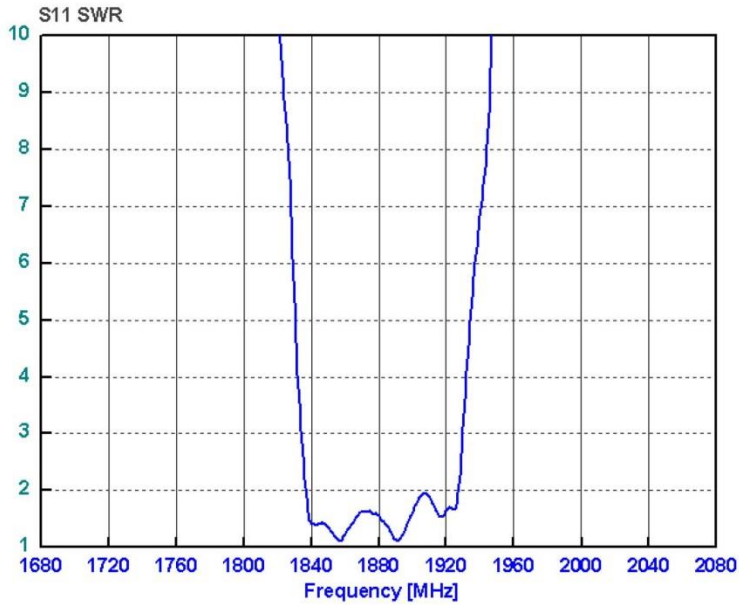


Response Plot:





VSWR



Smith Chart

