



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1990 MHz Saw Bandpass Filter

Part Number: AM1990S843

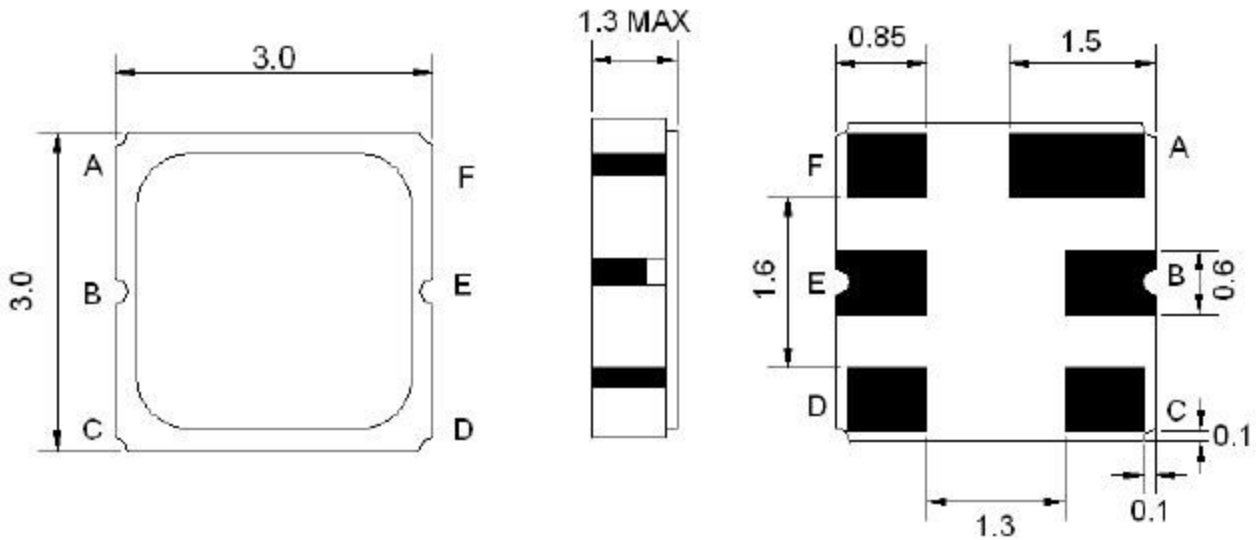


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	1990.0	-
Insertion Loss within 1980 ~ 2000 MHz	dB	-	1.5	3.0
Amplitude Ripple within 1980 ~ 2000 MHz	dB _{p-p}	-	0.5	1.5
VSWR within 1980 ~ 2000 MHz	-	-	1.5	2.3
Attenuation:				
1710 ~ 1920 MHz	dB	25	30	-

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	-	-	10
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Balanced Ended) ₁	Ω	-	50	-
Package Size and Type	3.0 x 3.0 x 1.3 mm		M	



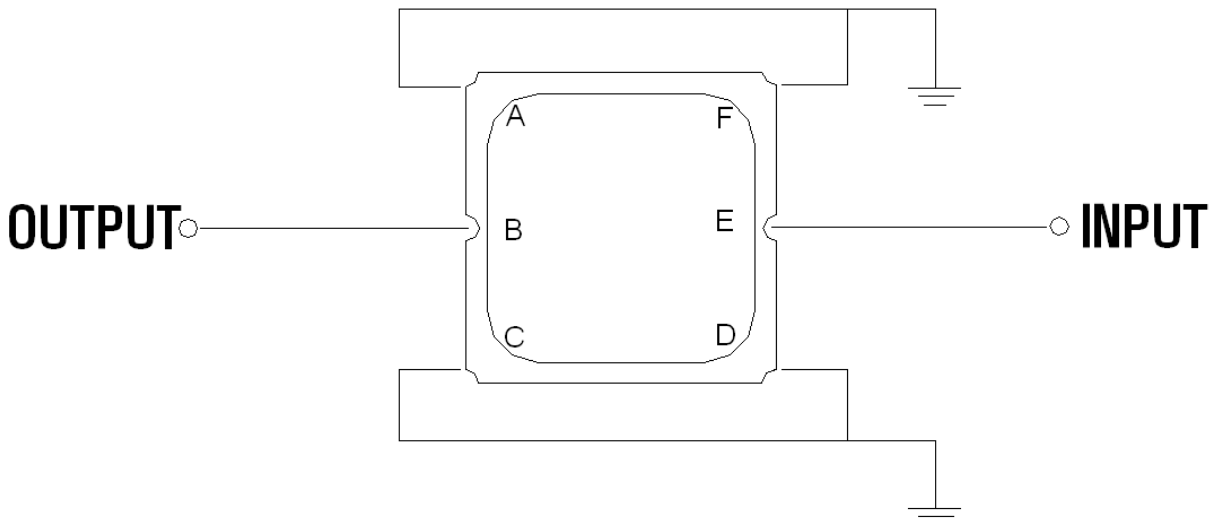
Outline Drawing:



Pin Description:

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

Testing Environment:



Source/Load Impedance: 50 Ω

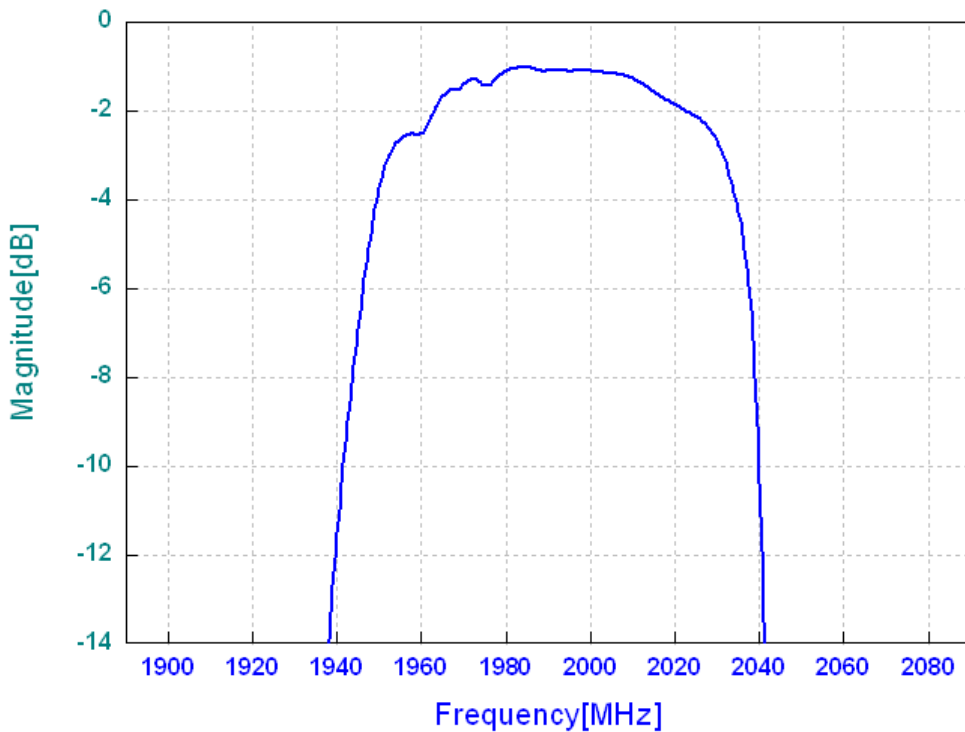
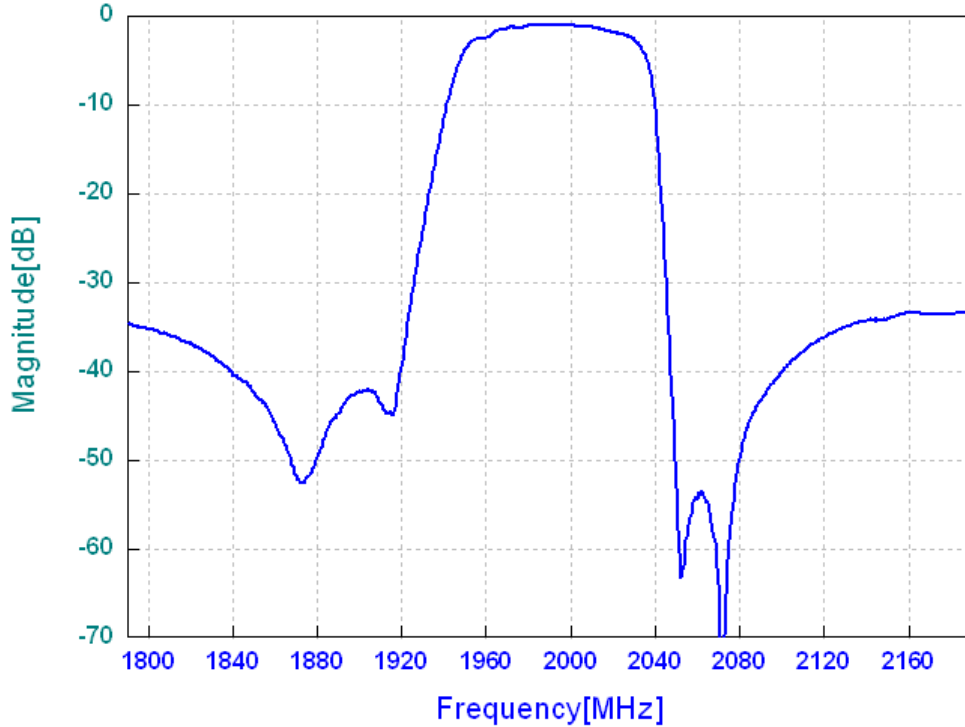


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Response Plot:



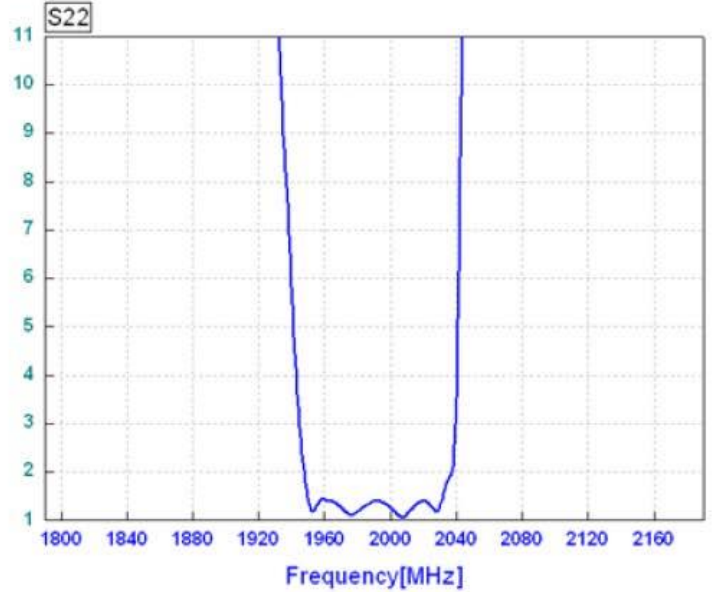
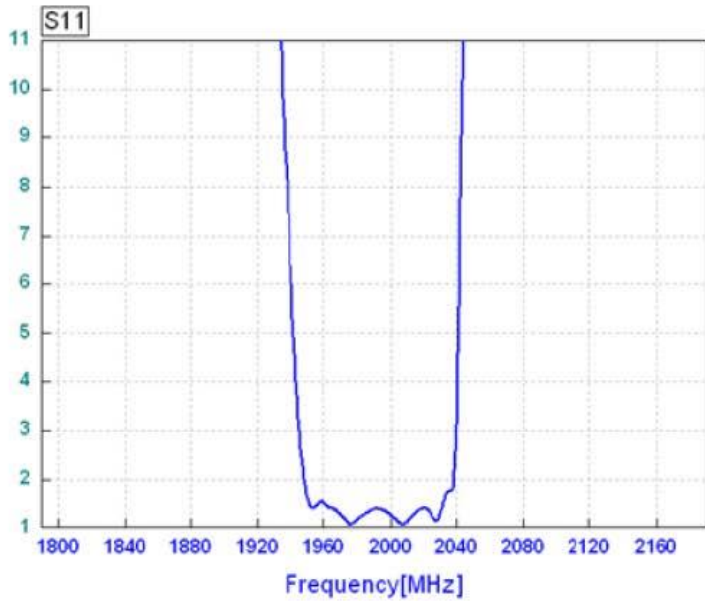


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VSWR



Smith Chart:

