



1401 MHz Saw Bandpass Filter

Part Number: AM1401S1053



Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	1401.0	-
Insertion Loss within 1381 ~ 1421 MHz	dB	-	2.1	3.0
Amplitude Ripple within 1381 ~ 1421 MHz	dB _{p-p}	-	1.2	2.0
-20dB Bandwidth	MHz	65	70	-
VSWR within 1381 ~ 1421 MHz	-	-	1.5	2.3
Attenuation:				
1150 ~ 1350 MHz	dB	28	30	-
1450 ~ 1650 MHz	dB	28	32	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-55	-	+85
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 (Single Ended) ₁	Ω	-	50	-
Package Size and Type	3.0 x 3.0 x 1.3 mm		M	

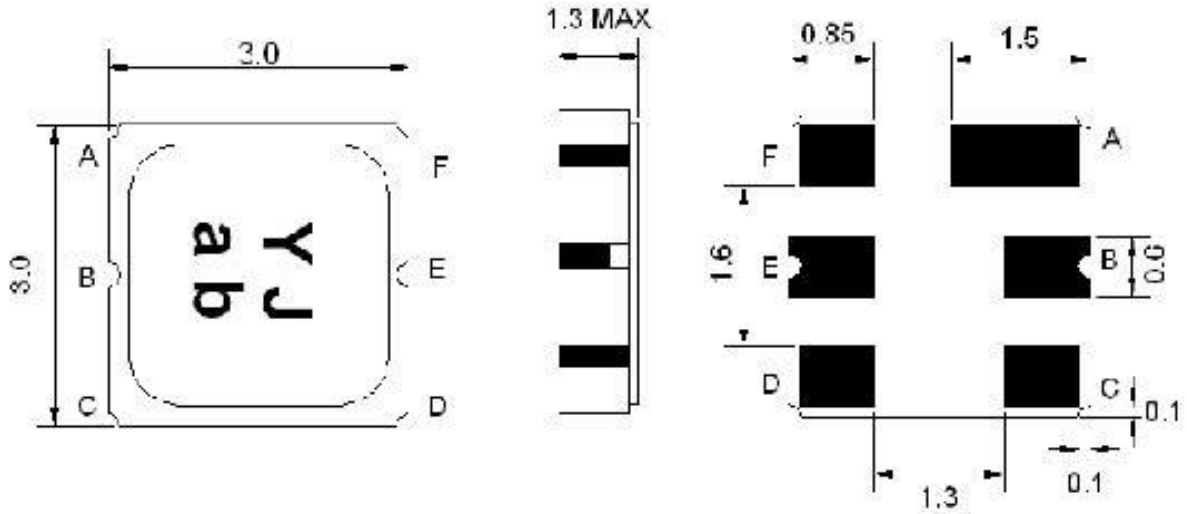


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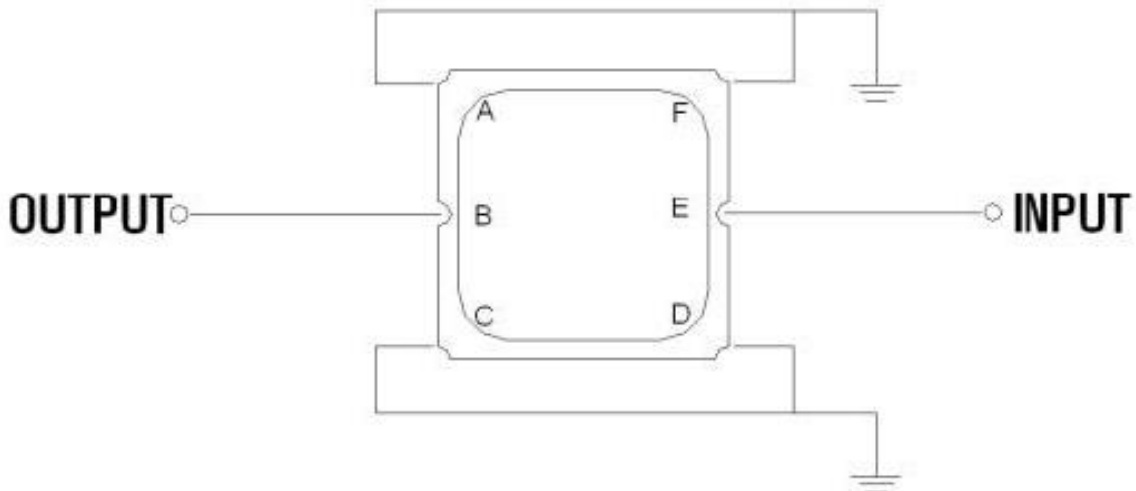
Outline Drawing:



Pin Description:

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

Testing Environment:



Source & Load Impedance: 50 Ω

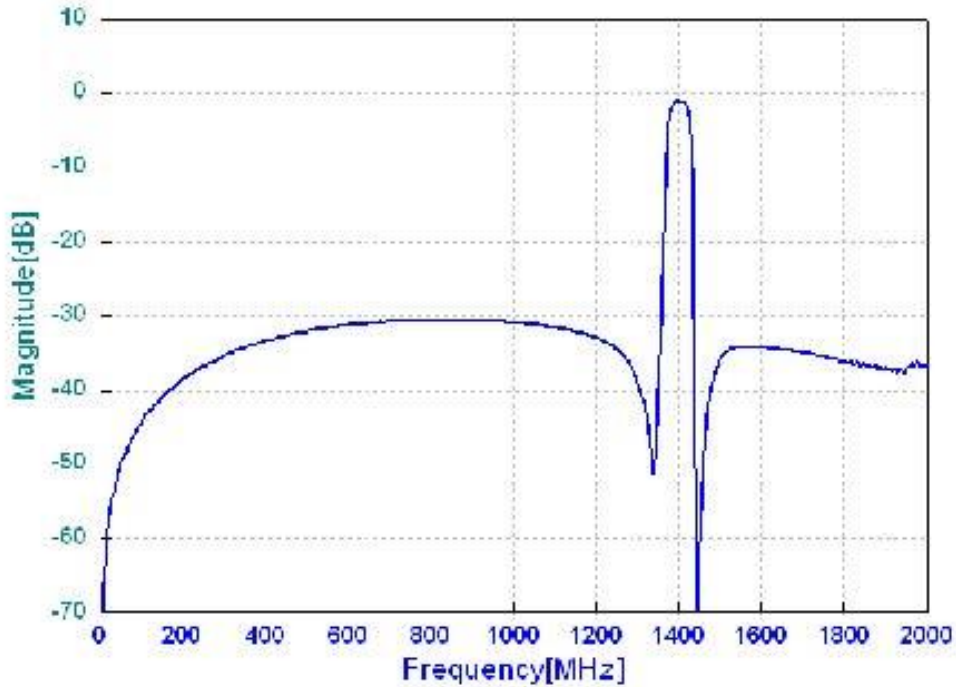
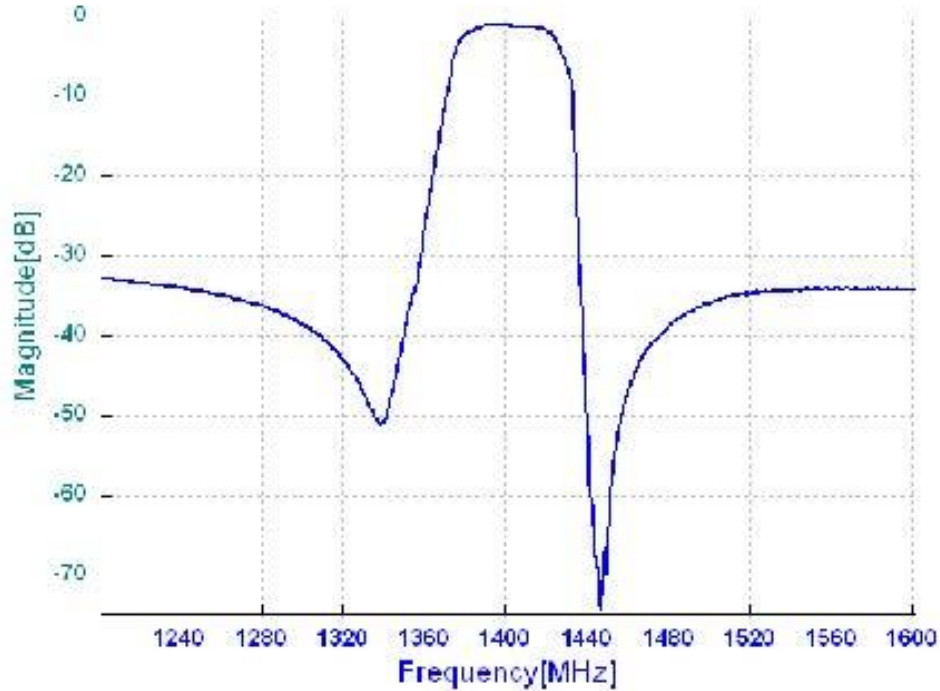


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Response Plot:



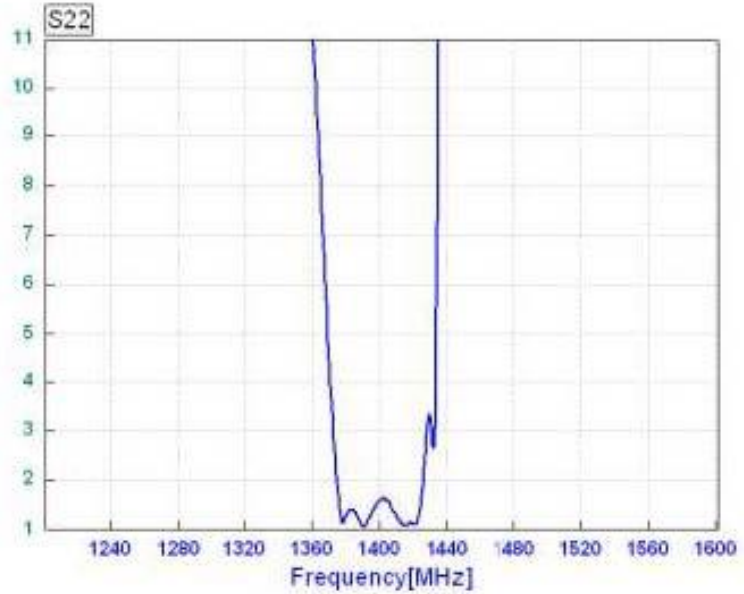
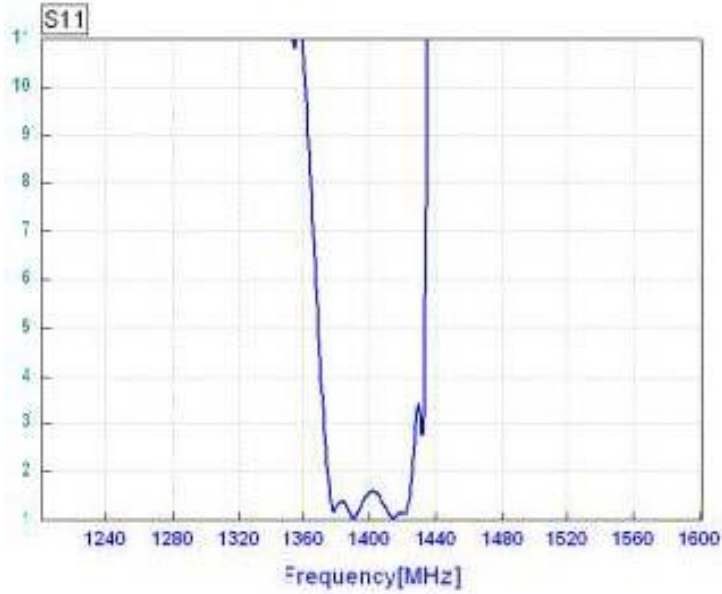


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VSWR:



Smith Chart:

