



460 MHz RF Saw Band Pass Filter

Part Number: AM460S1104



Electrical Specifications:

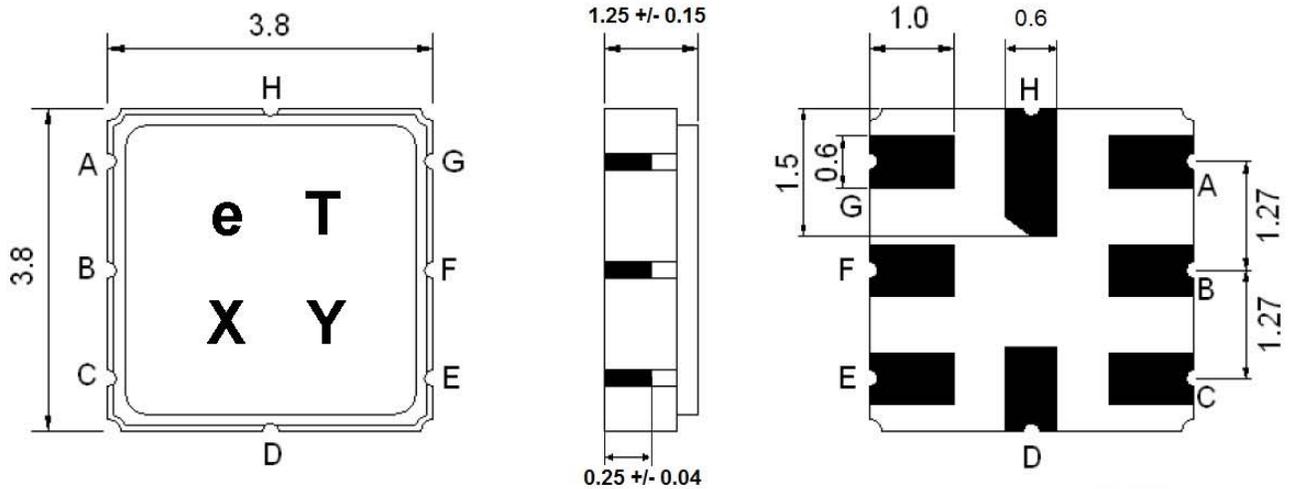
Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	460.0	-
Insertion Loss within 450.0-470.0 MHz	dB	-	2.1	3.2
Amplitude Ripple within 450.0-470.0 MHz	dBp-p	-	0.5	1.5
In/Out Return Loss 450.0-470.0 MHz	dB	10	17.5	-
Attenuation:				
0.1-300.0 MHz	dB	45	55	-
300.0-380.0 MHz	dB	45	55	-
380.0-430.0 MHz	dB	20	30	-
480.0-500.0 MHz	dB	15	19	-
504.825-524.825 MHz	dB	35	45	-
559.65-579.65 MHz	dB	50	57	-
669.3-689.3 MHz	dB	40	50	-
689.3-1000.0 MHz	dB	45	52	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-40	-	+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	mm	3.8 x 3.8 x 1.4	S31	

Notes: (1) No Matching Network.



Outline Drawing:



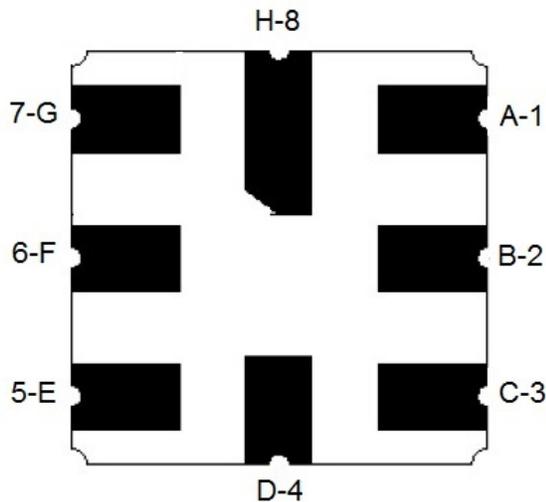
Unit of measure: mm

Marking Descriptions

e	Wireless Application
T	Series Number
X	Date Code(Year)
Y	Date Code(Month)

Pin Description

A, C, D, E, G, H	Ground
B	Input
F	Output



Pin	Pin No.
A	1
B	2
C	3
D	4
E	5
F	6
G	7
H	8

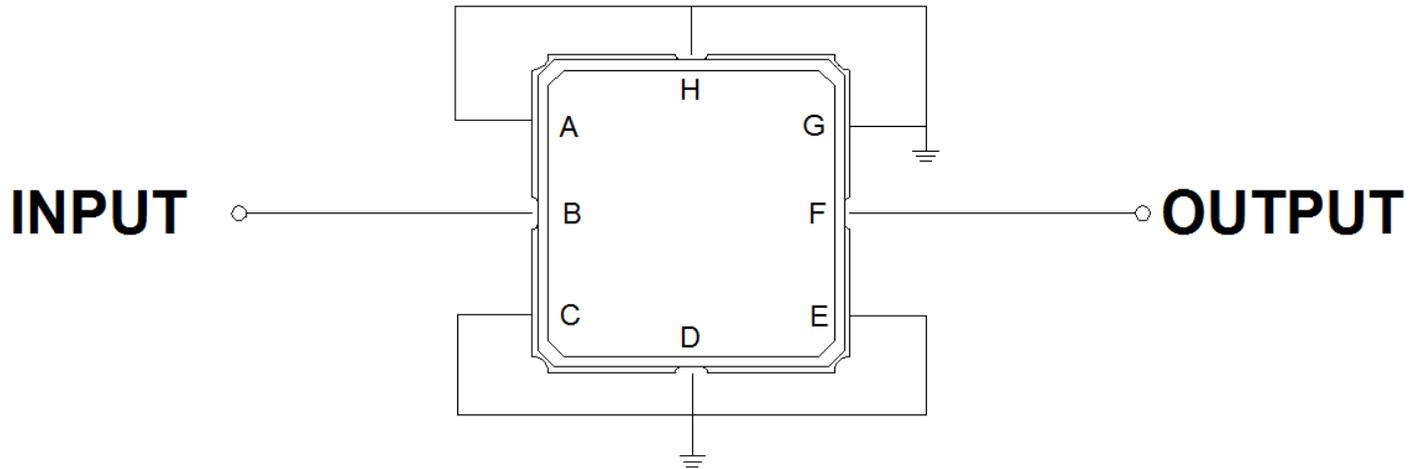


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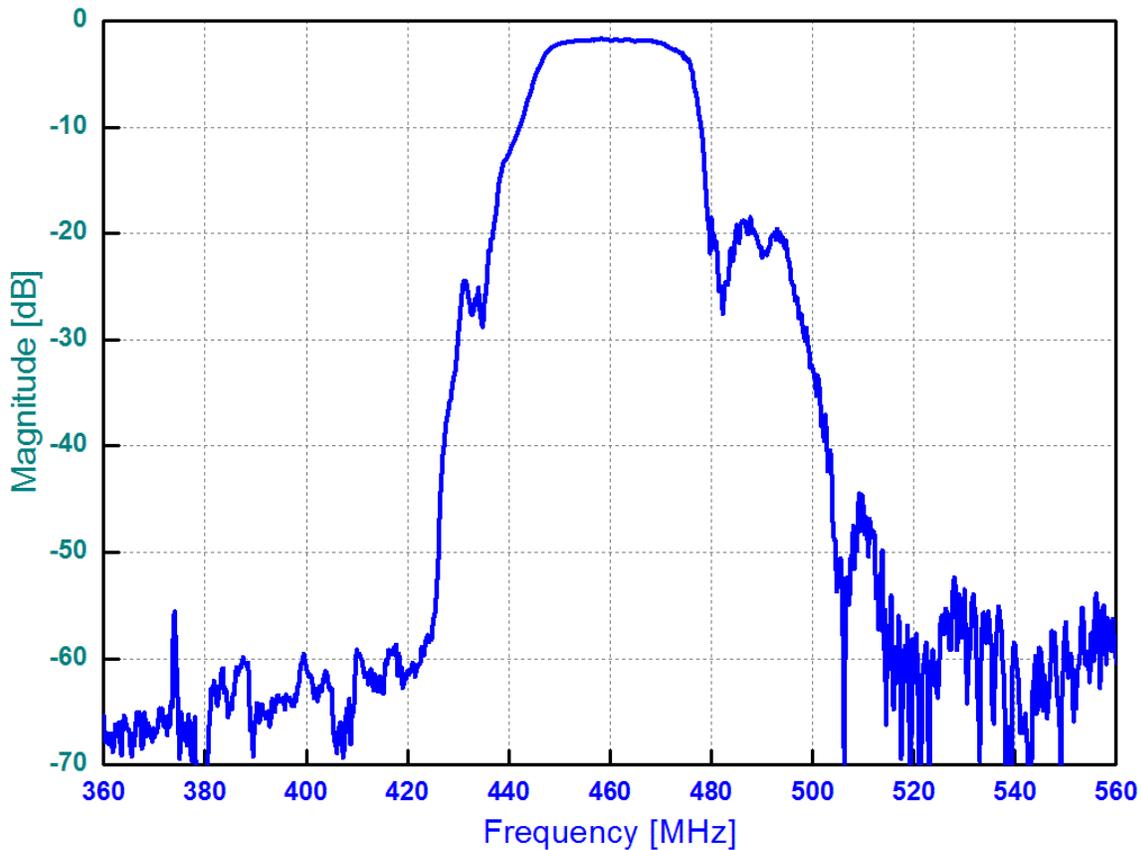


Testing Environment:



Source & Load Impedance: 50 Ω

Frequency Response:





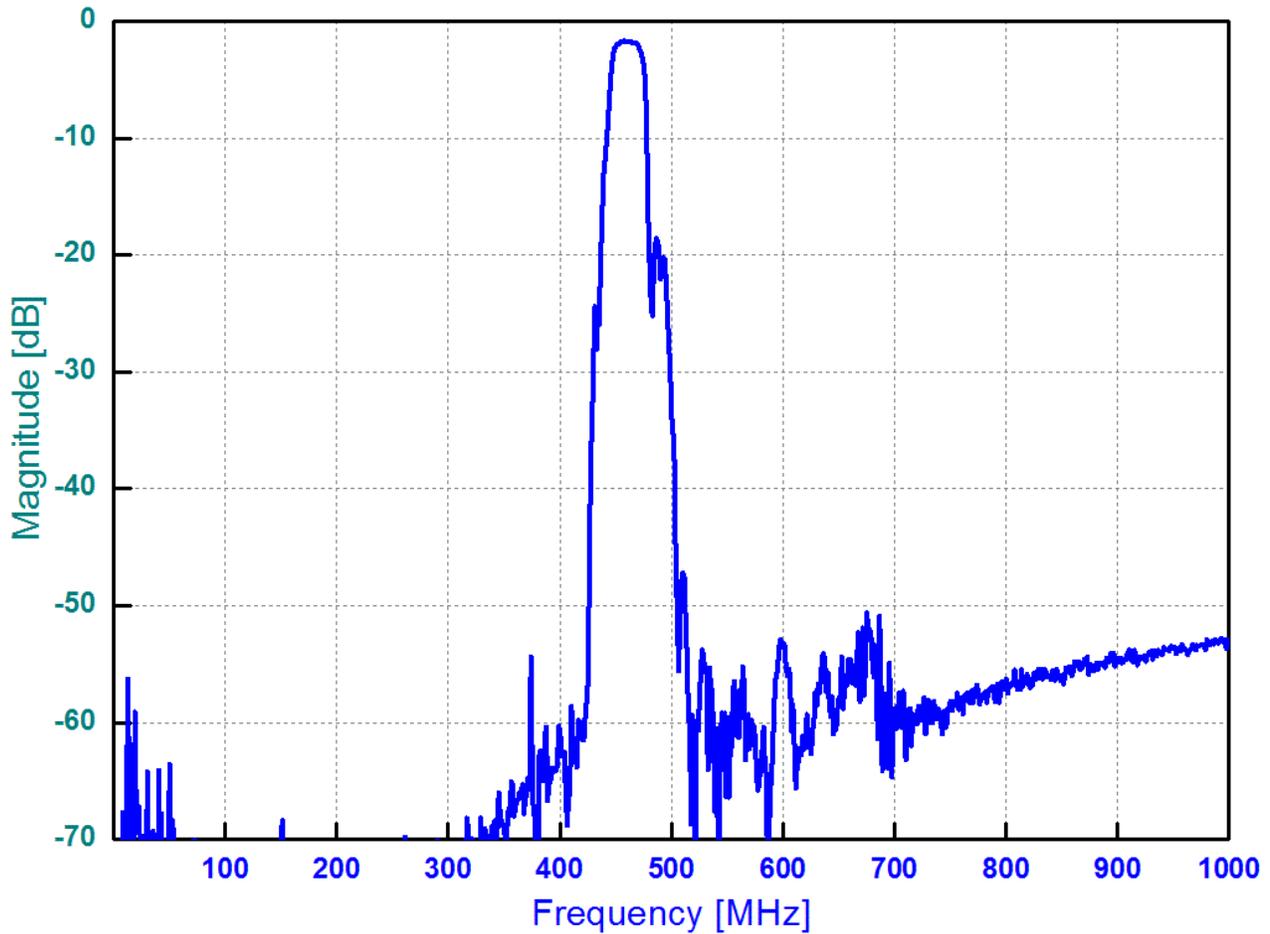
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

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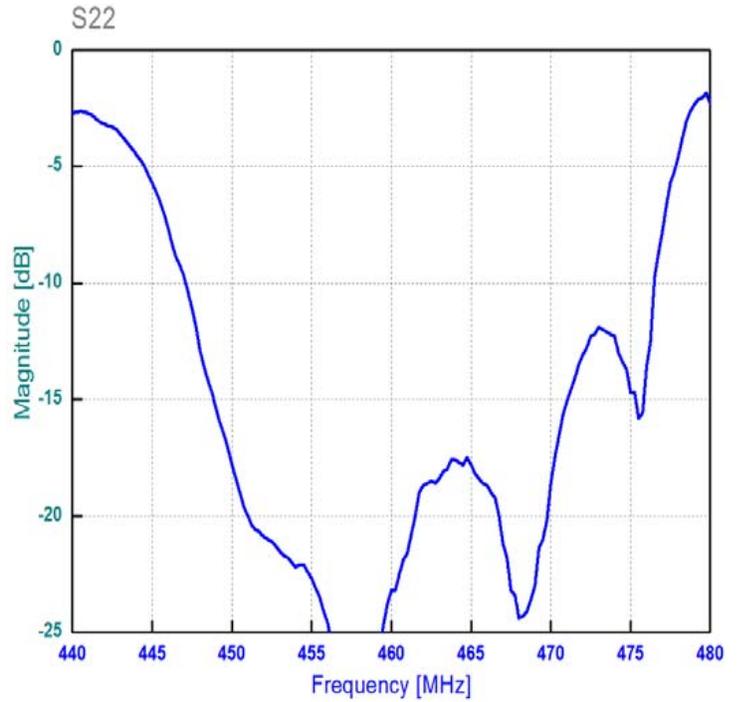
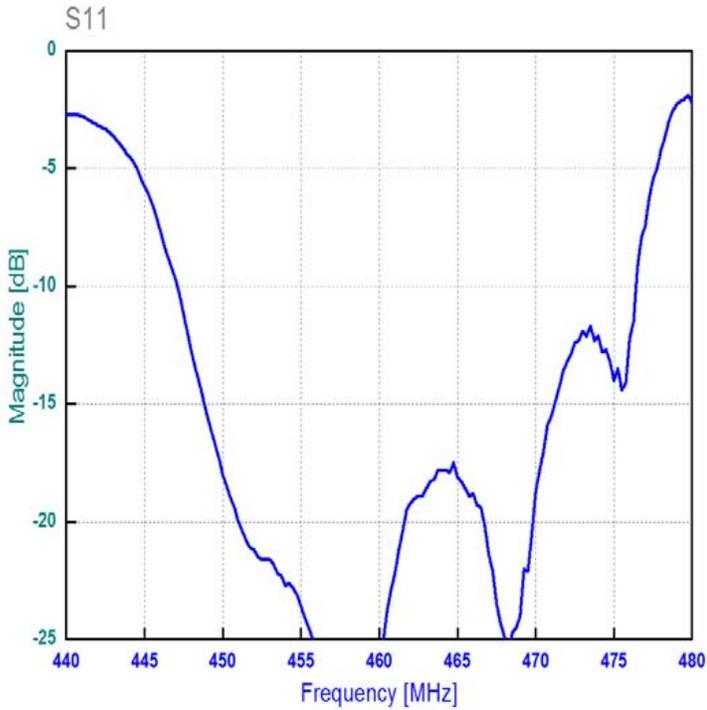


Frequency Response:





Return Loss:



Smith Chart:

