



412 MHz SAW Bandpass Filter

Part Number: AM412S1118



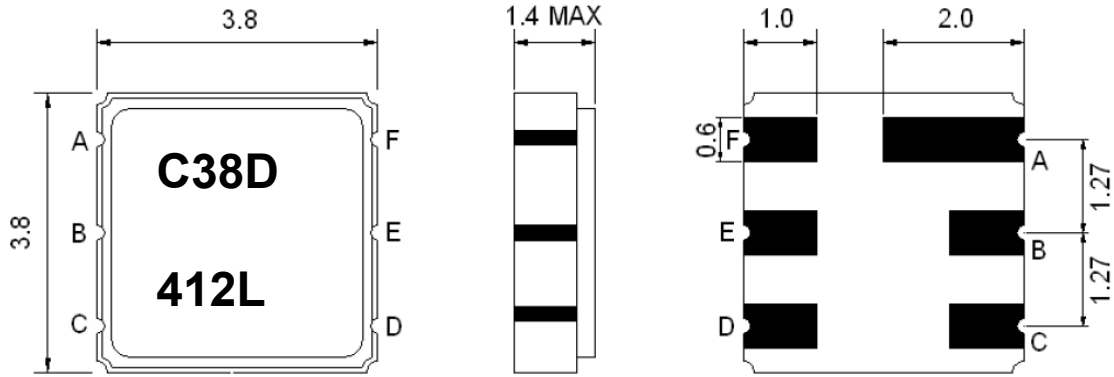
Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	27
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	P			
Length x Width	mm ²	-	3.8 x 3.8	-
Height	mm	-	-	1.4

Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	412.5	-
Insertion Loss in 410.0 ~415.0 MHz	dB	-	1.6	2.8
Stop Band Attenuation:				
0.3 ~ 400.0 MHz	dB	23	26	-
420.0 ~ 425.0 MHz	dB	30	40	-
425.0 ~ 1700.0 MHz	dB	20	25	-
1700.0 ~ 2000.0 MHz	dB	20	32	-
VSWR in 410.0 ~ 415.0 MHz	-	-	1.8	2.3

Notes : (1) No Matching Network .

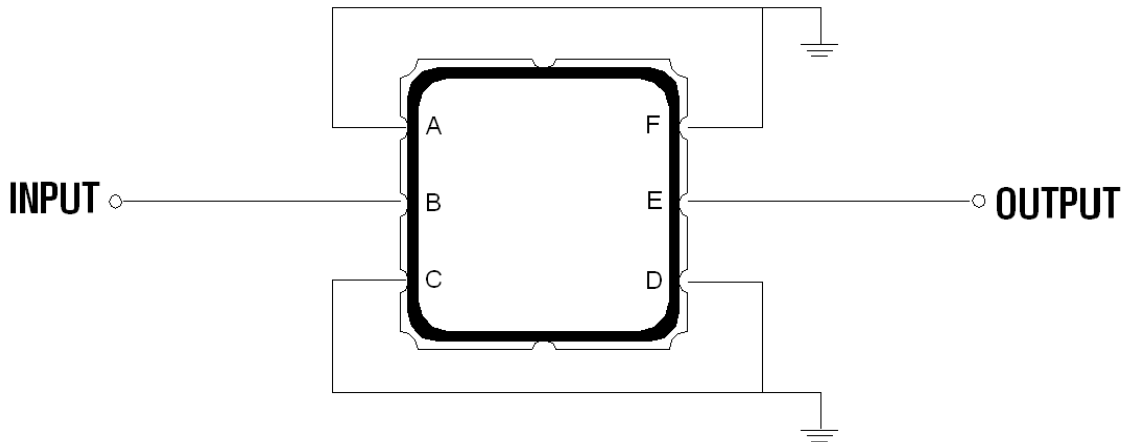


Outline Drawing:



Pin Description	
A, C, D, F	Ground
B	In
E	Out

Testing Environment:



Source & Load Impedance: 50 Ω

Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.



Plots:

