



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1090 MHz Saw Filter

Part Number: AM1090S816

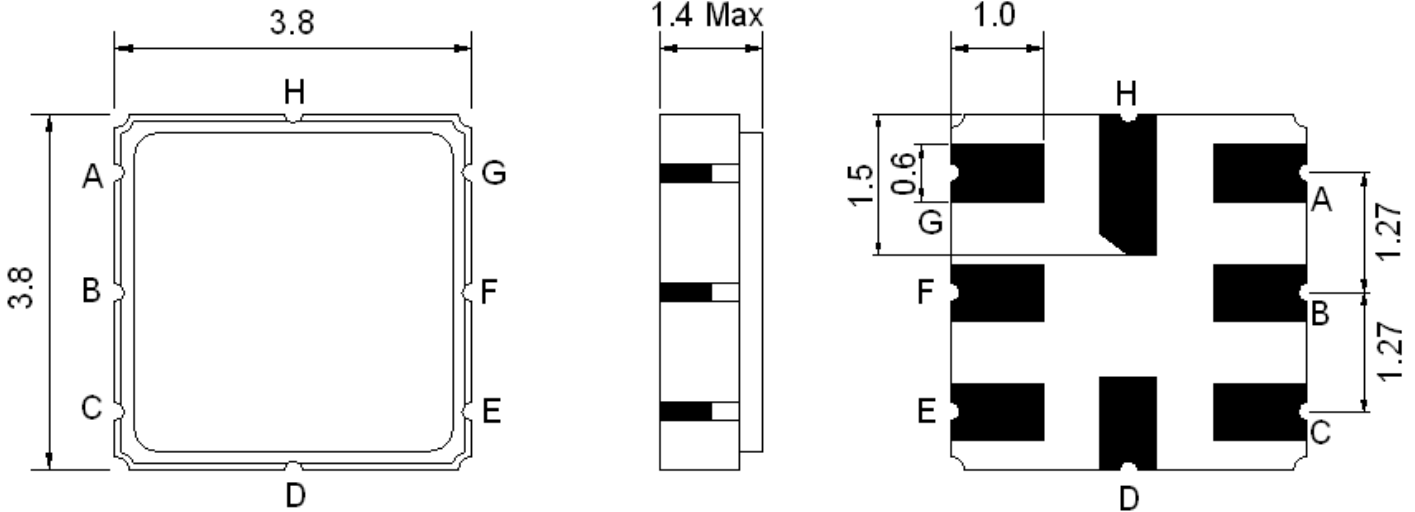


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	1090.0	-
Insertion Loss within 1084~1096 MHz	dB	-	4.33	5.3
Amplitude Ripple within 1084~1096 MHz	dBp-p	-	0.37	1.5
TCF	ppm/°C	-	36	-
Attenuation:				
500~924 MHz	dB	45	52	-
924~944 MHz	dB	45	58	-
944~1051 MHz	dB	40	45	-
1051~1061 MHz	dB	30	39	-
1170~2000 MHz	dB	40	41.5	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	20
Source Impedance (Balanced Ended) ₁	Ω	-	50	-
Load Impedance (Balanced Ended) ₁	Ω	-	50	-
Package Size and Type	3.8 x 3.8 x 1.4 mm		P1	

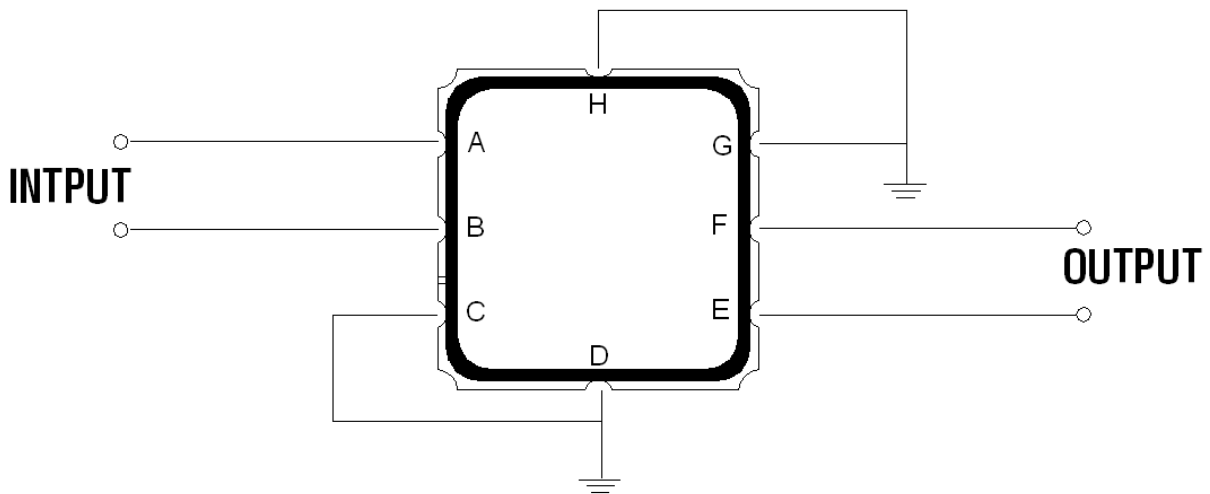


Outline Drawing:



Pin Description:
Ground – C D G H
Input – A B
Output – E F

Testing Environment:



Source/Load Impedance: 50 Ω



Response Plot:

