



# 1590 MHz Saw Bandpass Filter

**Part Number: AM1590S1055**



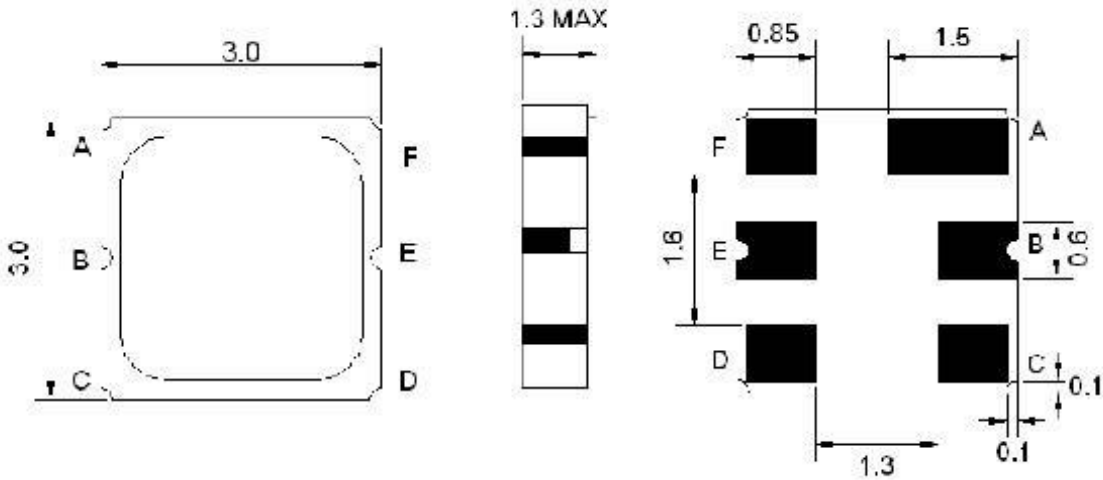
Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	1590	-
Insertion Loss within 1570 ~ 1610 MHz	dB	-	3.7	4.0
Amplitude Ripple within 1570 ~ 1610 MHz	dBp-p	-	1.0	1.8
-1 dB Bandwidth	MHz	-	40	45
-2 dB Bandwidth	MHz	-	90	100
Ultimate Rejection	dB	45	50	-

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) <sub>1</sub>	Ω	-	50	-
Load Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-
Package Size and Type	3.0 x 3.0 x 1.3 mm M			

**Note:** (1) No Matching Network (Ref. Testing Environment Circuit as shown below).



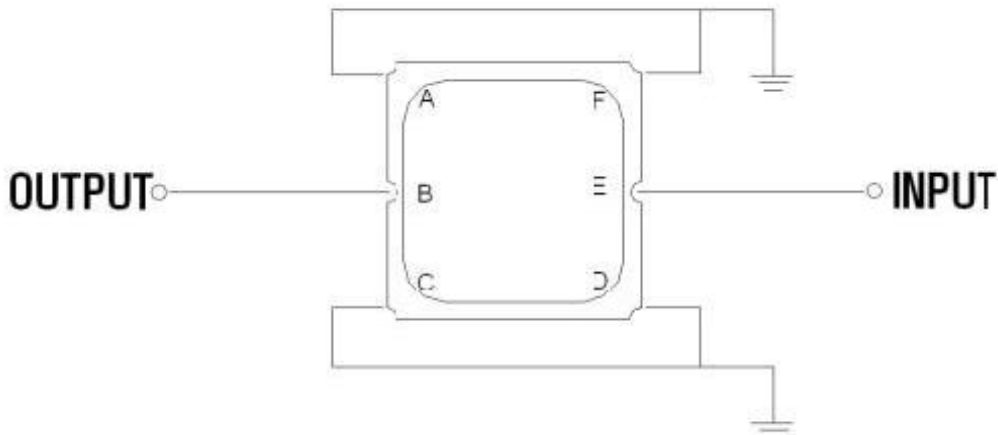
### Outline Drawing:



### Pin Description:

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

### Testing Environment:



Source/Load Impedance: 50  $\Omega$



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## Response Plot:

