

# **SPECIFICATION**

## **COMMERCIALY AVAILABLE**

**SAW BAND PASS FILTER**  
**PART NUMBER: SF1202030**  
**RoHS**

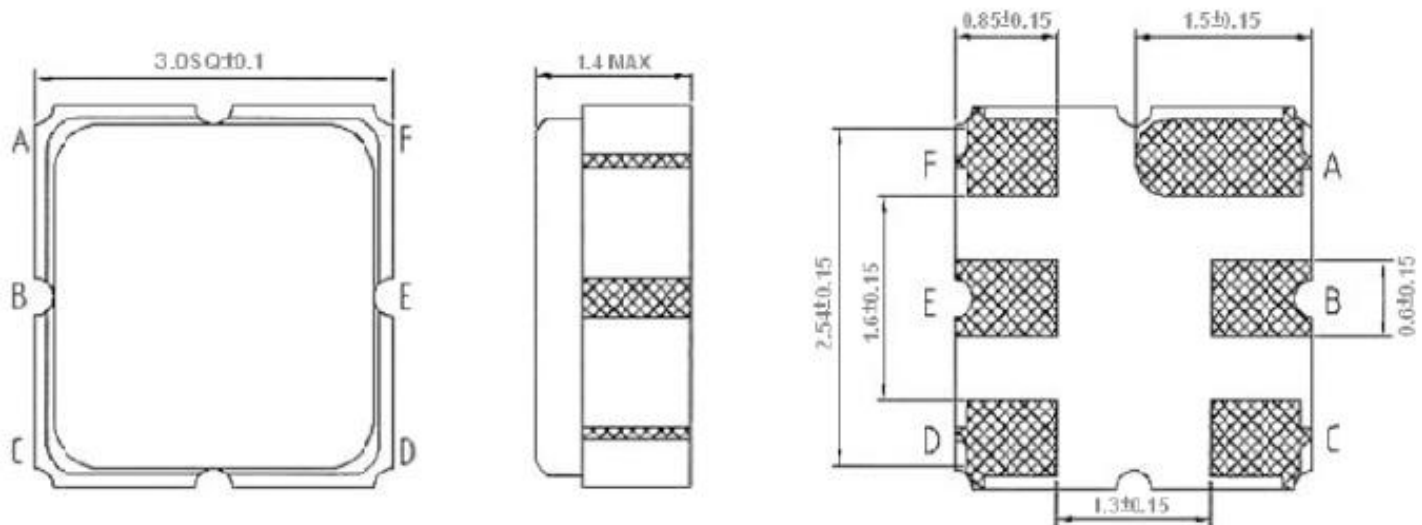
<b>ISSUED / REVISION</b>	<b>ENGINEER APPROVED</b>	<b>DOCUMENT CHECKED</b>	<b>DRAFTSMAN</b>
06/26/2019 <sup>(ASM)</sup>	6/27/2019 <sup>(TG)</sup>		

***FILTRONETICS Inc***

## 1. Electrical Specifications:

Index	Unit	Min	Typical	Max	
Center Frequency (Fo)	MHz	-	1202	-	
Band Width	MHz	-	30.0	-	
Insertion Loss (1187 ~ 1217 MHz)	dB	-	3.0	3.3	
Amplitude Ripple (1187 ~ 1217 MHz)	dB	-	0.3	1.2	
Group Delay (1187 ~ 1217 MHz)	ns	-	6.0	20.0	
Attenuation	50~1165 MHz	dB	55.0	70.0	-
	1261~2000 MHz		46.0	70.0	-
Input Power Level	dBm	-	-	20	
DC Voltage	V	-	-	3.5	
Operating Temperature	°C	-40	-	+85	
Impedance (Source/Load)	Ω	50/50			
Temperature Coefficient	ppm/°C	-36.5			

## 2. Dimensions:



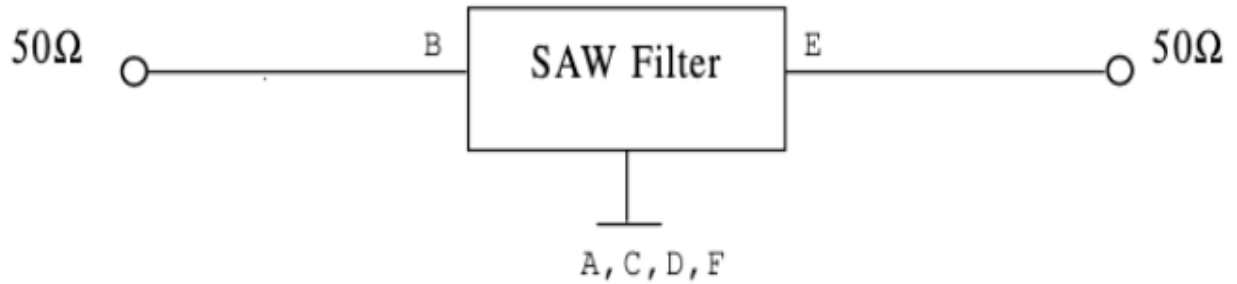
**B: Input**

**E: Output**

**A, C, D, F: Ground**

### 3. Matching Configuration:

HP Network analyzer



**No Matching Required**  
**Source / Load Impedance = 50Ω**  
Ambient Temperature = 25°C

### 4. Response Plots:

