

- PCN, RF SAW Filter
- Revision 0: September 2012

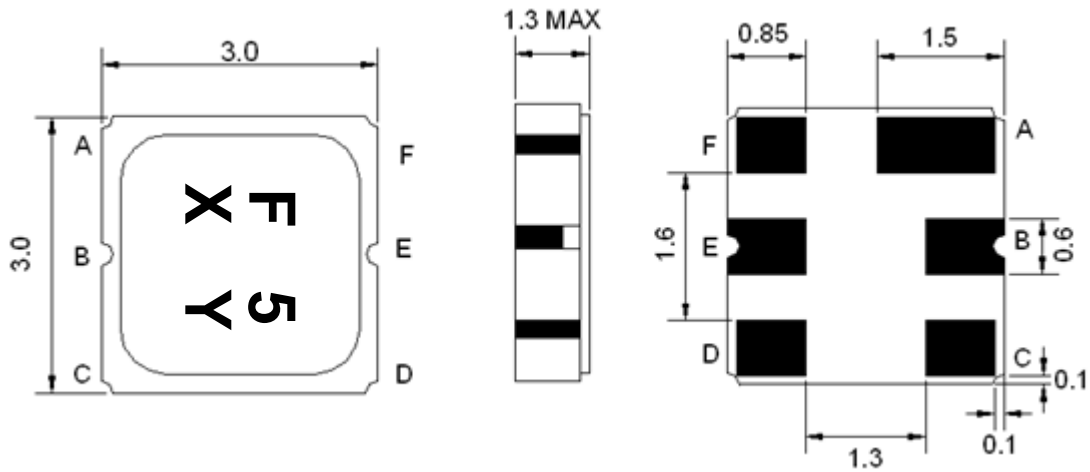
Electrical Characteristics

MAXIMUM RATINGS				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	5
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	S20			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1747.5	-
Insertion Loss within 1710 ~ 1785 MHz	dB	-	2.7	4.0
Amplitude Ripple within 1710 ~ 1785 MHz	dB _{p-p}	-	2.0	2.7
Attenuation:				
D.C. ~ 1670 MHz	dB	18	22	-
1670 ~ 1680 MHz	dB	30	40	-
1805 ~ 1880 MHz	dB	5	20	-
1880 ~ 4500 MHz	dB	10	16	-
4500 ~ 5200 MHz	dB	3	5	-
VSWR within 1710 ~ 1785 MHz	-	-	2.3	2.7

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

Package Dimensions



Marking Descriptions	
F	PCN Application
5	Series Number
X	Date Code (Year)
Y	Date Code (Month)

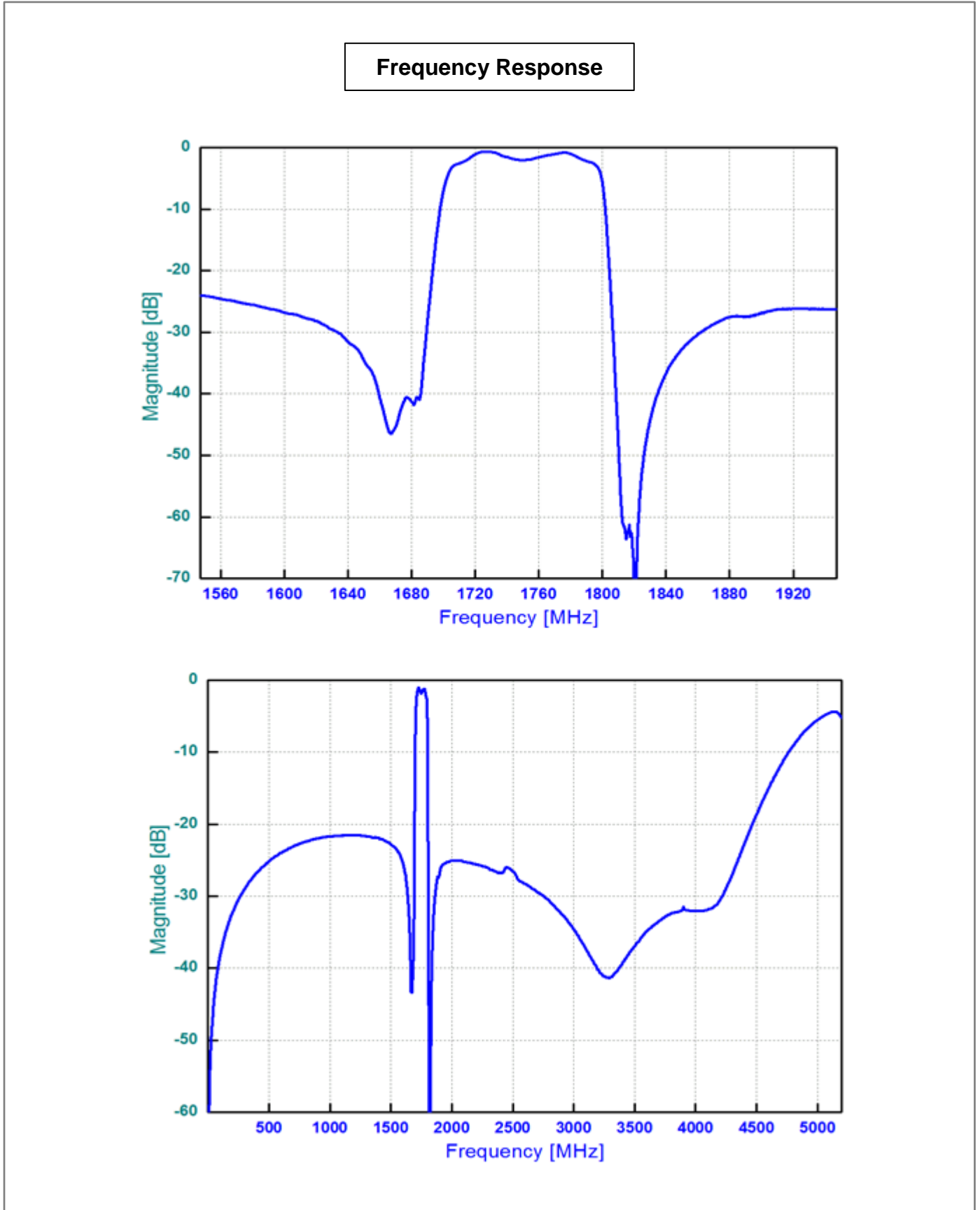
Pin Description	
A, C, D, F	Ground
E	In
B	Out

Testing Environment

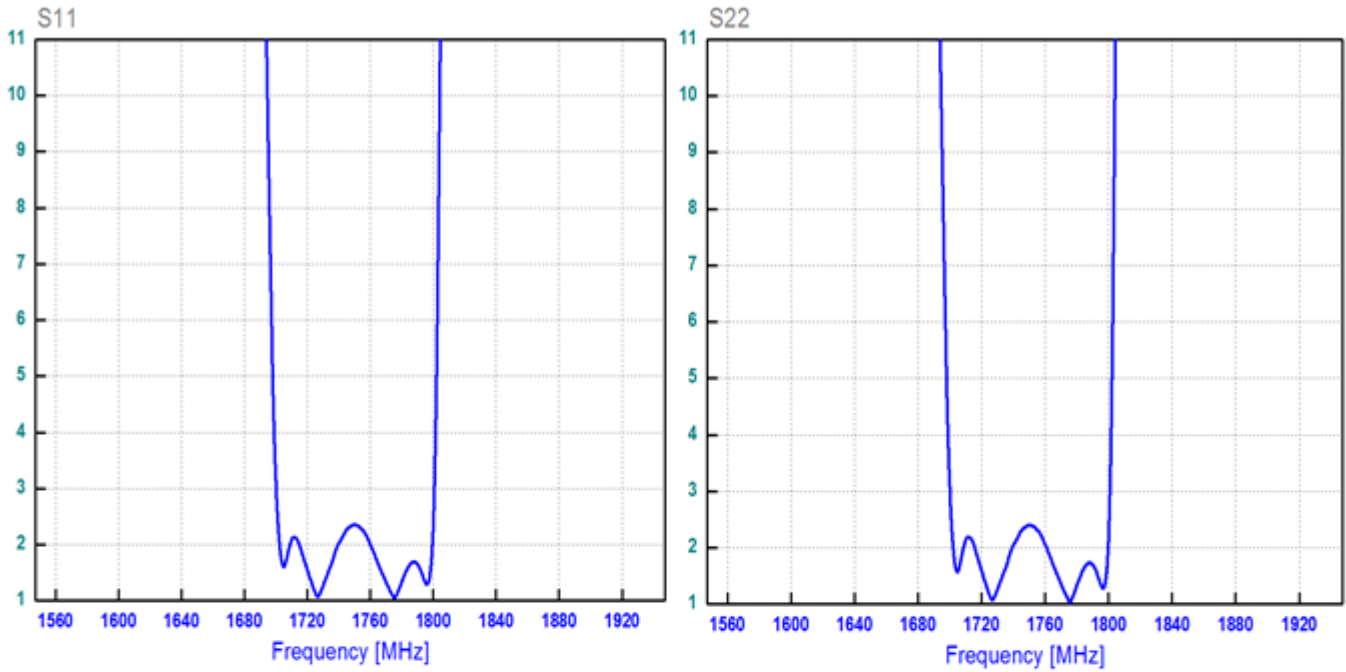


Source & Load Impedance: 50 Ω

Frequency Characteristics



VSWR



Smith Chart

