

- PCN, RF SAW Filter
- Revision 0: MAY 2009

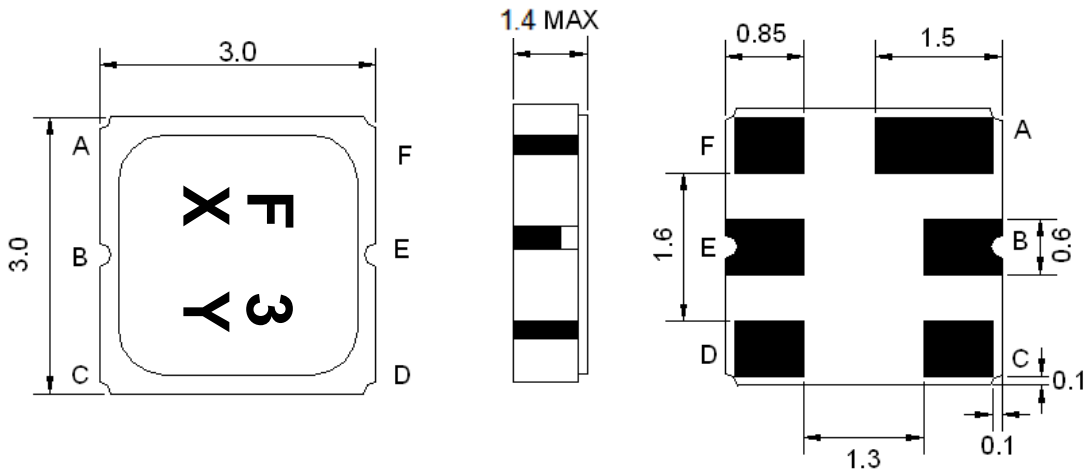
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-20	-	+70
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	20
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	M			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.4

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1747.5	-
Insertion Loss within 1710.0 ~ 1785.0 MHz	dB	-	2.6	4.0
Amplitude Ripple within 1710.0 ~ 1785.0 MHz	dB _{p-p}	-	1.6	2.5
Attenuation:				
10.0 ~ 1670.0 MHz	dB	15	23	-
1670.0 ~ 1690.0 MHz	dB	6	23.9	-
1805.0 ~ 1880.0 MHz	dB	6	24	-
1880.0 ~ 4500.0 MHz	dB	15	25	-
4500.0 ~ 5000.0 MHz	dB	10	14	-
VSWR within 1710.0 ~ 1785.0 MHz	dB	-	1.8	2.5

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

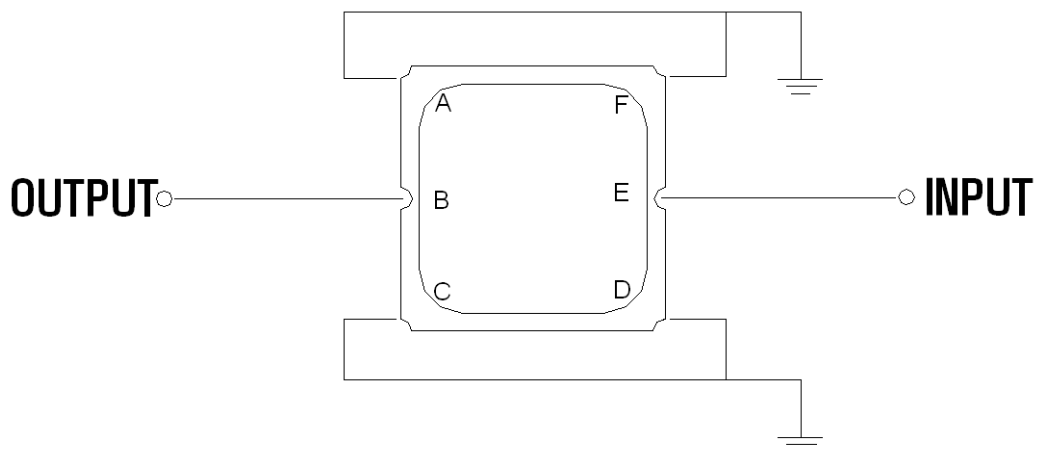
Package Dimensions



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

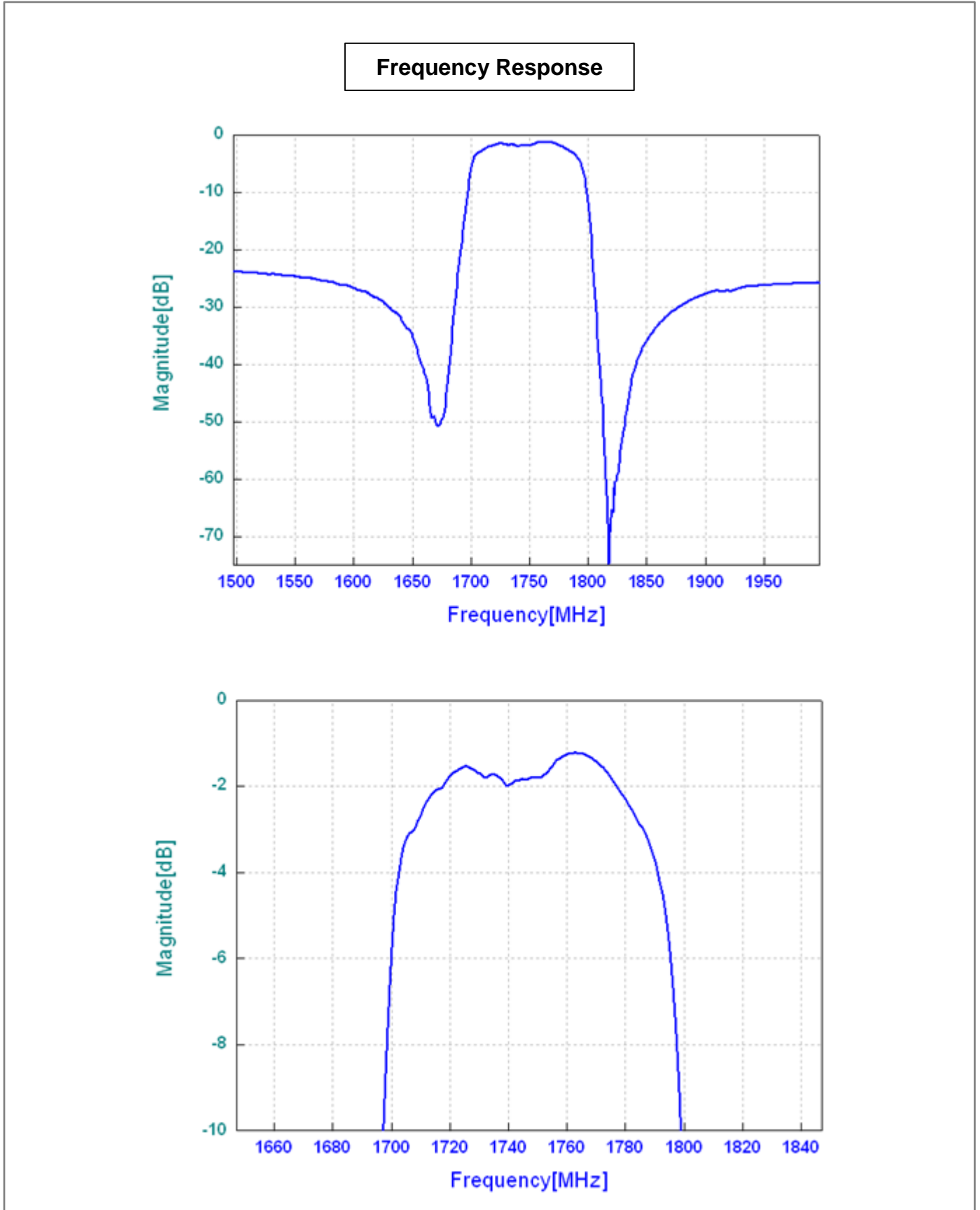
Pin Description	
A, C, D, F	Ground
E	In or Out
B	Out or In

Testing Environment

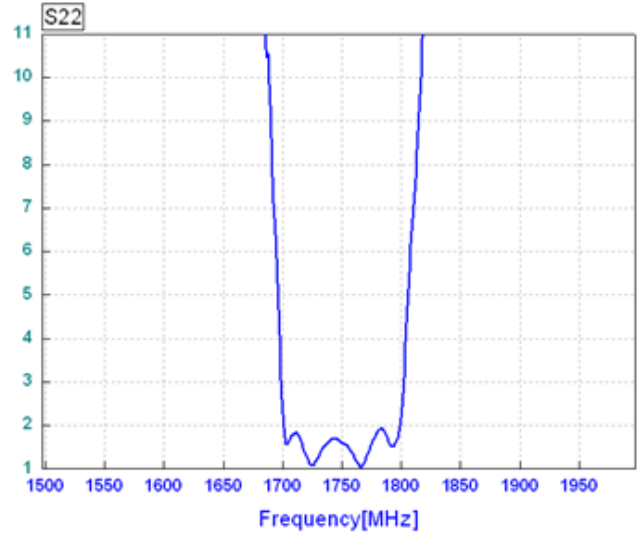
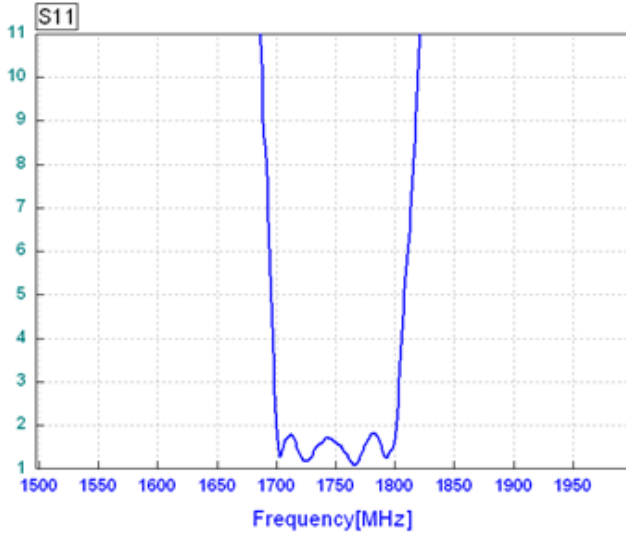


Source & Load Impedance: 50 Ω

Frequency Characteristics



VSWR



Smith Chart

