

- US-PCS, RF-Rx SAW Filter
- Revision 0: August 2012

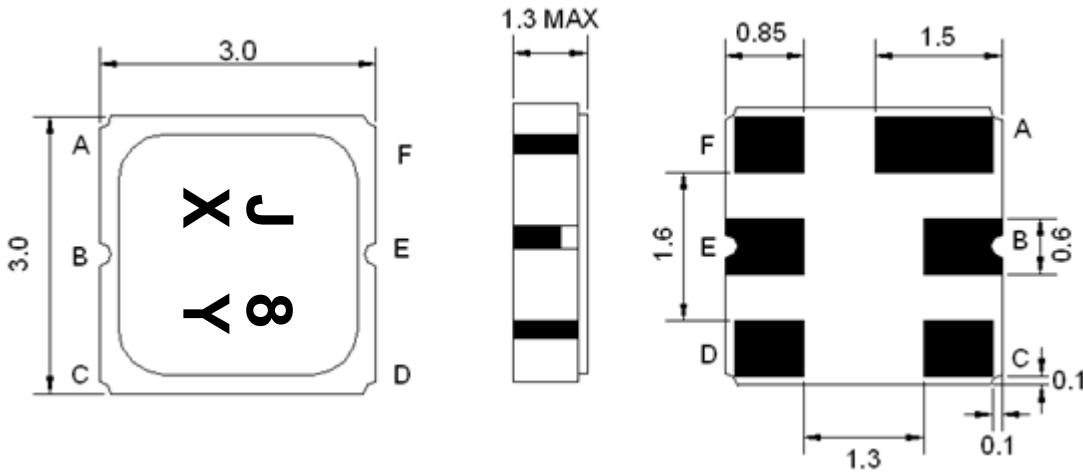
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	7.5
Maximum Input Power	dBm	-	-	15
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	-	-	1.3

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1960	-
Insertion Loss within 1930 ~ 1990 MHz	dB	-	2.0	3.5
Amplitude Ripple within 1930 ~ 1990 MHz	dB _{p-p}	-	1.0	2.0
Attenuation:				
D.C. ~ 1850 MHz	dB	20	26	-
1850 ~ 1910 MHz	dB	5	8	-
2030 ~ 2080 MHz	dB	30	37	-
2110 ~ 2170 MHz	dB	28	34	-
2170 ~ 2550 MHz	dB	25	33	-
VSWR within 1930 ~ 1990 MHz	-	-	1.7	2.3

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

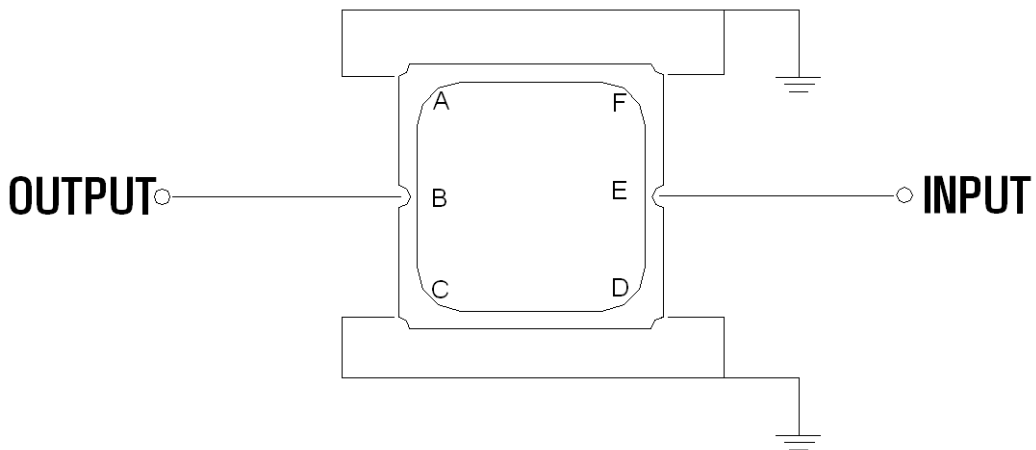
Package Dimensions



Marking Descriptions	
J	US-PCS Application
8	Series Number
X	Date Code (Year)
Y	Date Code (Month)

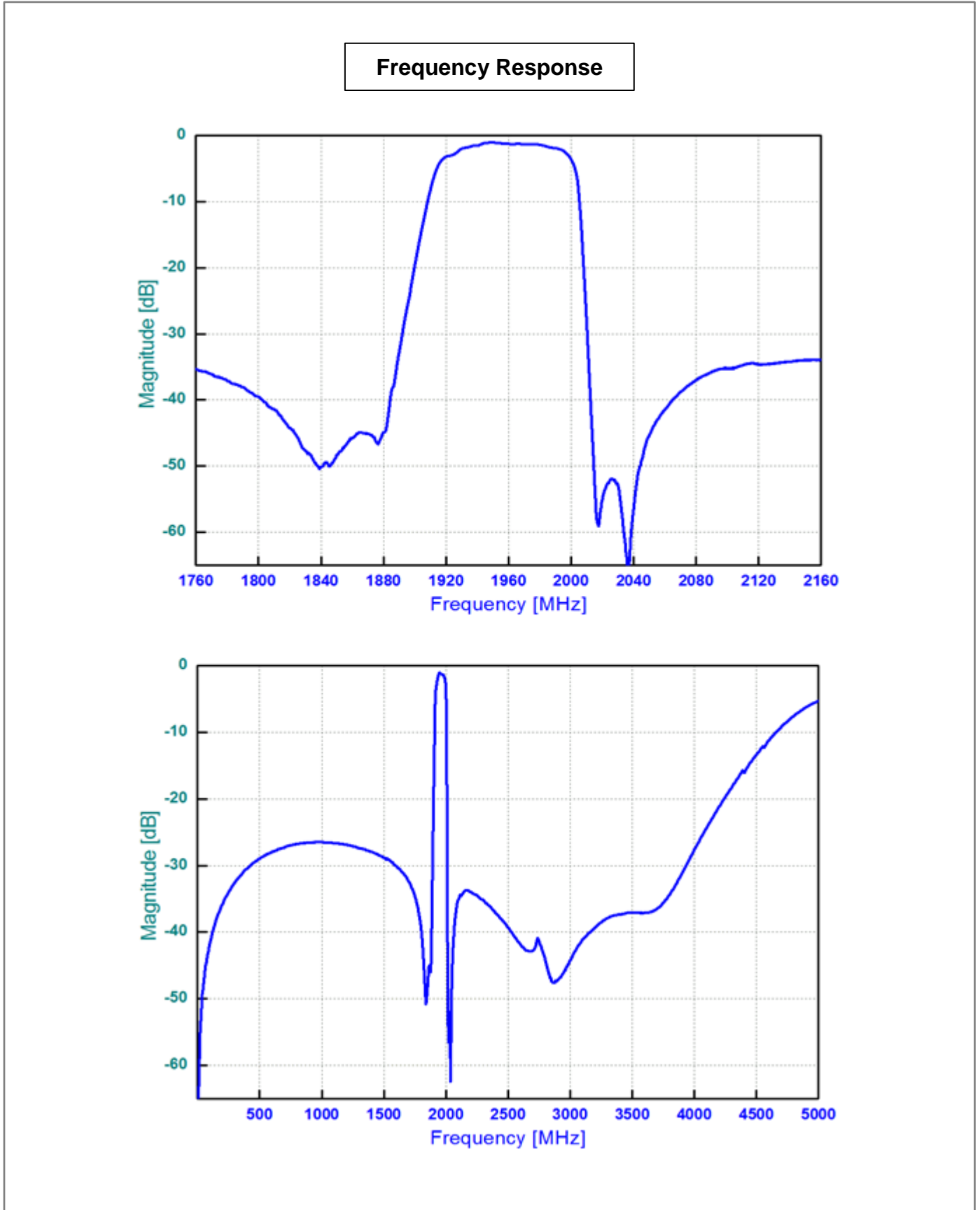
Pin Description	
A, C, D, F	Ground
E	In or Out
B	Out or In

Testing Environment

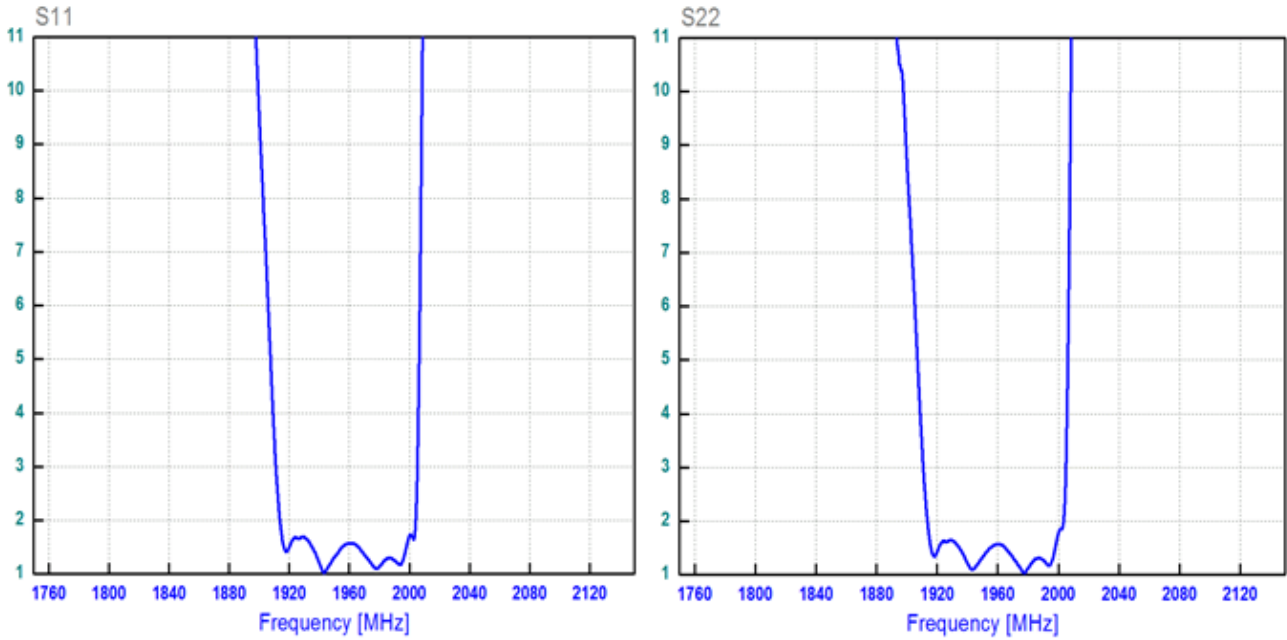


Source & Load Impedance: 50 Ω

Frequency Characteristics



VSWR



Smith Chart

