

- BandV, RF-Tx SAW Filter
- Revision 0: May 2013

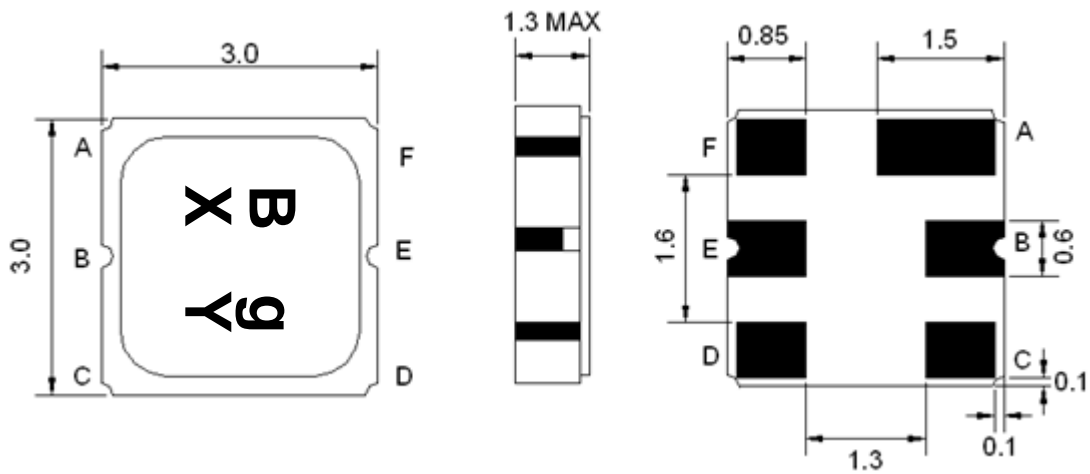
Electrical Characteristics

MAXIMUM RATINGS				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-45	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	15
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	-	836.5	-
Insertion Loss within 824.0 ~ 849.0 MHz	dB	-	2.5	3.0
Amplitude Ripple within 824.0 ~ 849.0 MHz	dB _{p-p}	-	0.7	1.5
Attenuation:				
D.C ~ 800.0 MHz	dB	27	31	-
869.0 ~ 894.0 MHz	dB	30	36	-
894.0 ~ 1049.0 MHz	dB	30	34	-
VSWR within 824.0 ~ 849.0 MHz	-	-	2.2	2.5

Notes: (1) No Matching Network

Package Dimensions



Marking Descriptions	
B	BandV Application
g	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

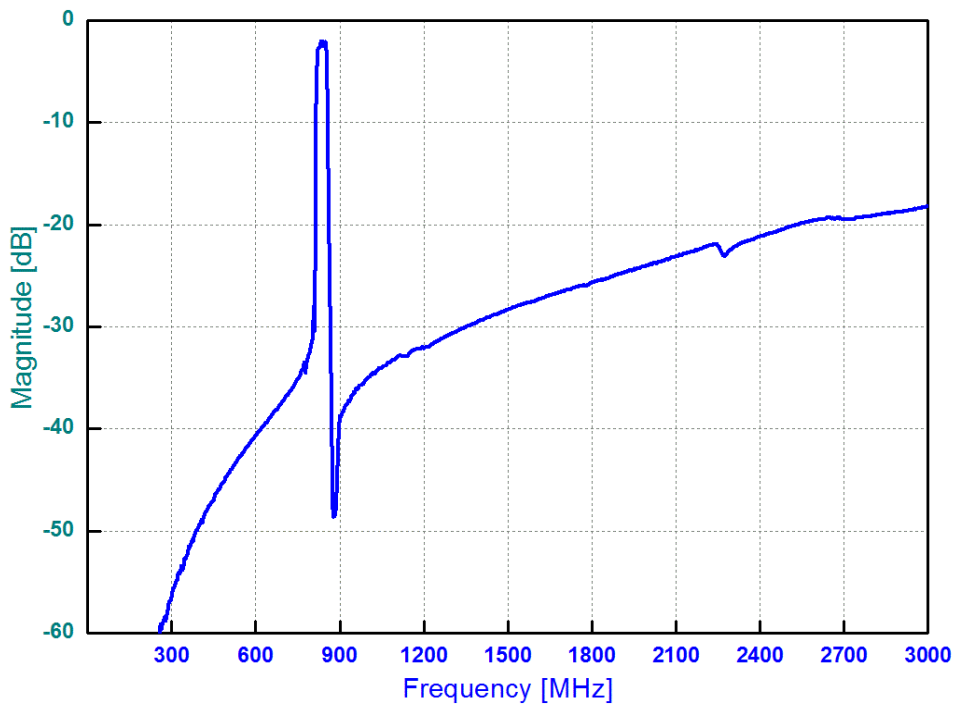
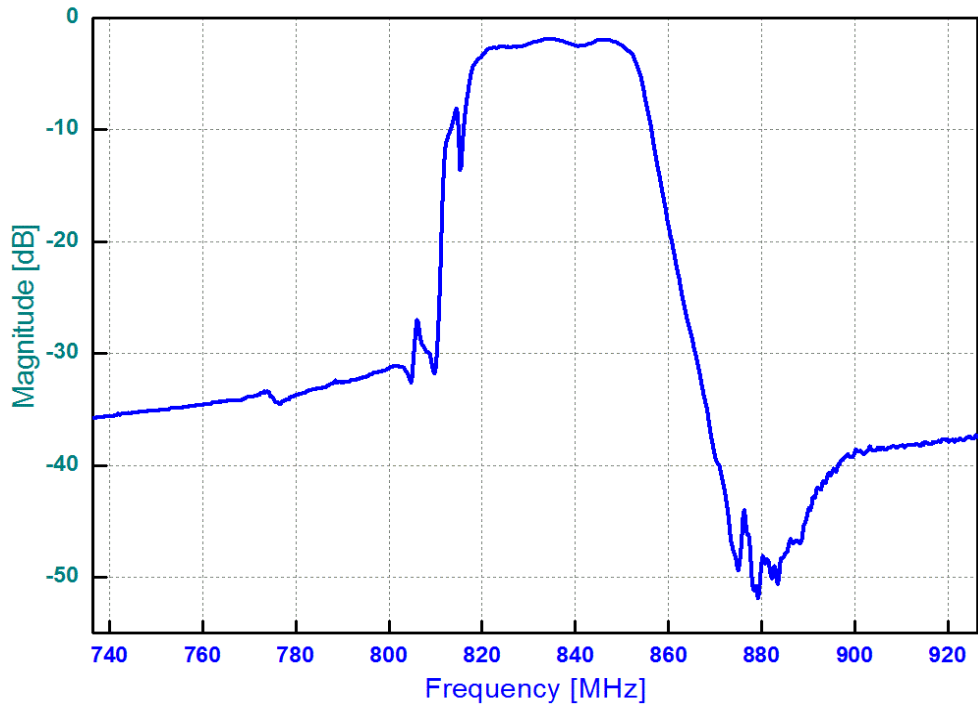
Testing Environment



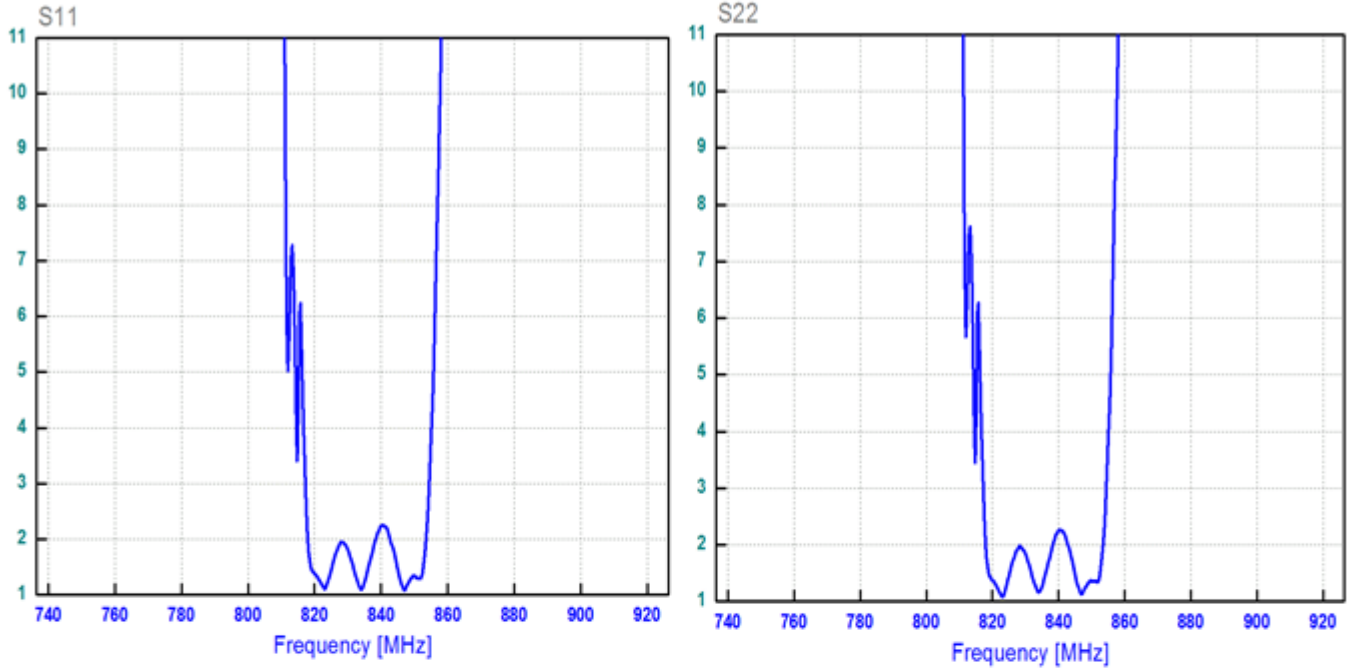
Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response



VSWR



Smith Chart

