

- Wireless, RF SAW Filter
- Revision 0: March 2014

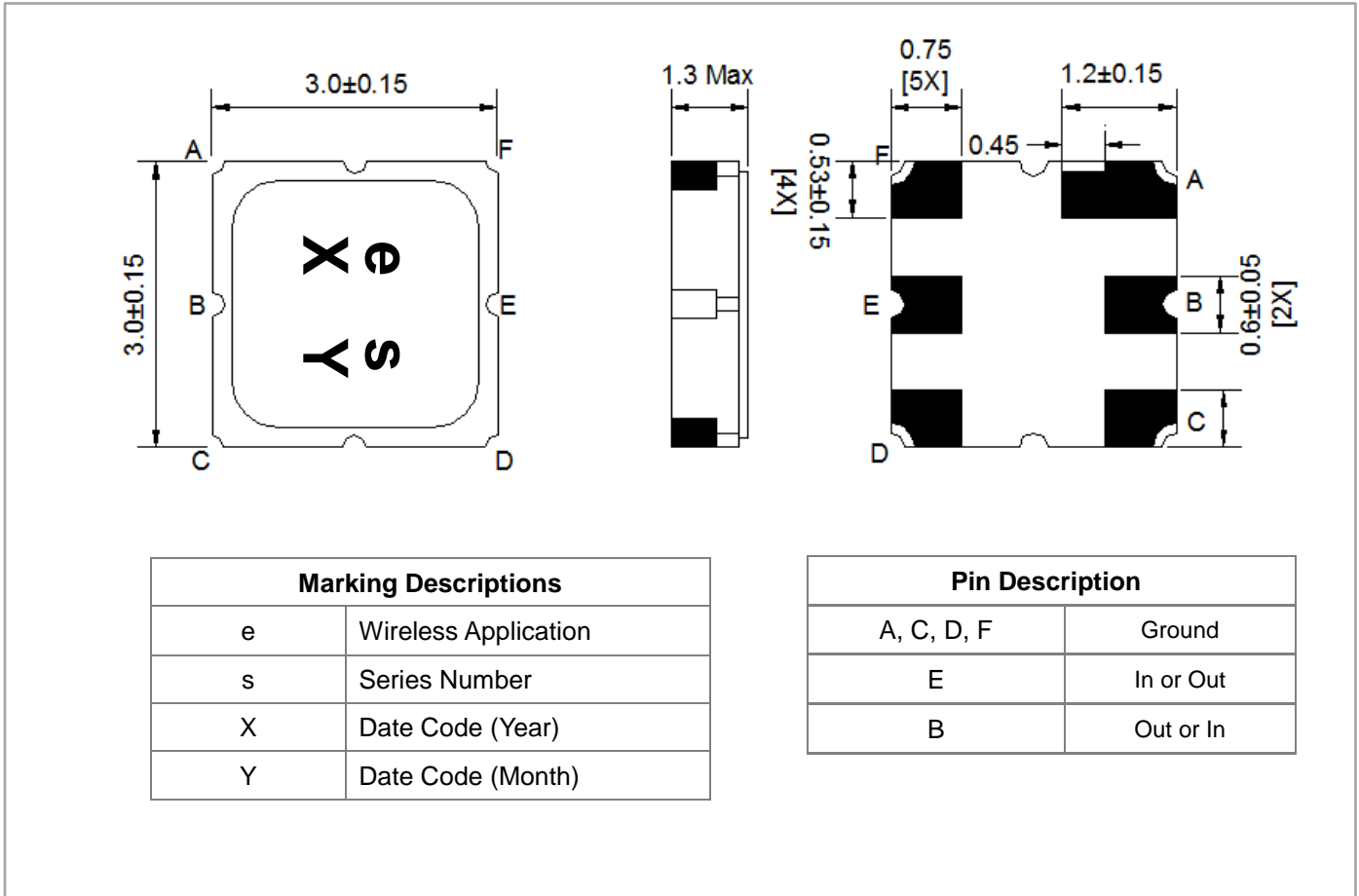
Electrical Characteristics

MAXIMUM RATINGS				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-25	-	+75
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
Maximum Input Power	dBm	-	-	18
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

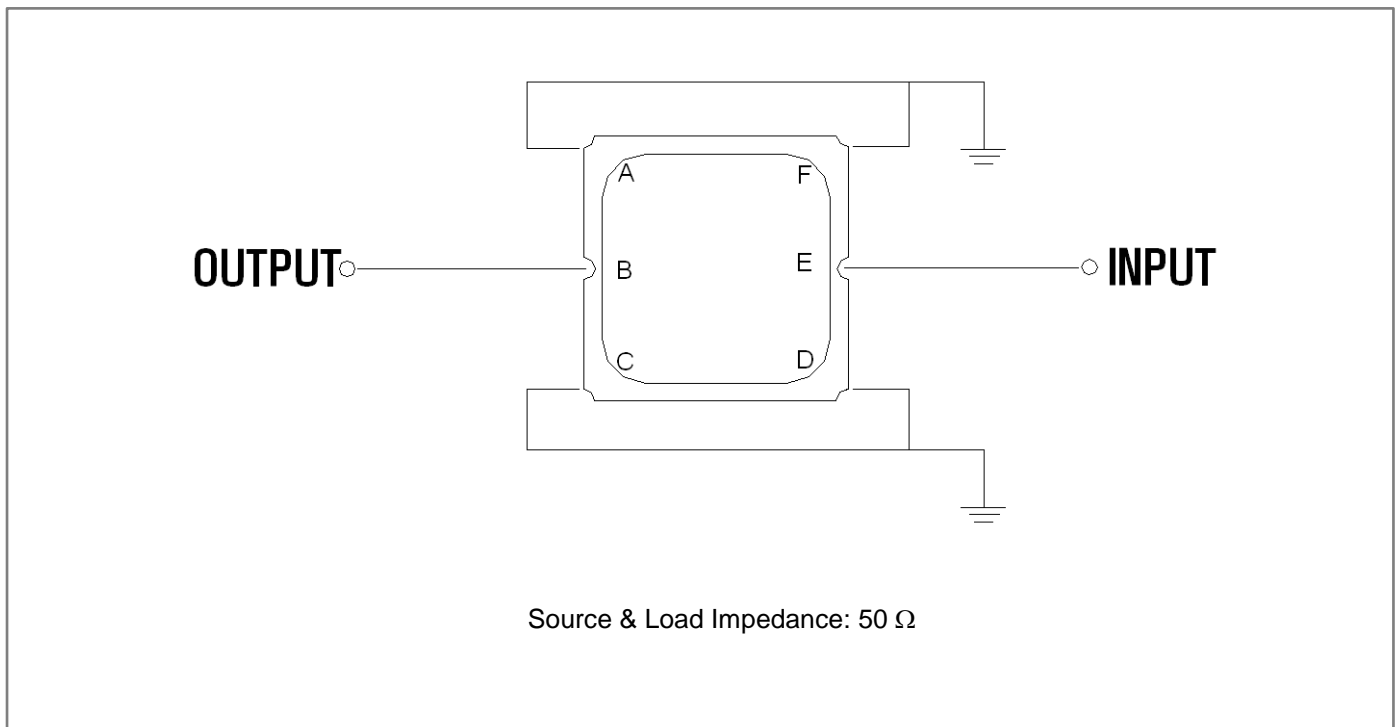
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	866.0	-
Insertion Loss within 863.0 ~ 870.0 MHz	dB	-	2.4	3.0
Amplitude Ripple within 863.0 ~ 870.0 MHz	dB _{p-p}	-	0.5	1.0
Attenuation:				
10.0 ~ 830.0 MHz	dB	45	48	-
830.0 ~ 850.0 MHz	dB	30	41	-
885.0 ~ 905.0 MHz	dB	35	45	-
905.0 ~ 950.0 MHz	dB	45	55	-
950.0 ~ 1500.0 MHz	dB	35	44	-
1500.0 ~ 3000.0 MHz	dB	20	30	-
VSWR within 863.0 ~ 870.0 MHz	-	-	1.8	2.0

Notes: (1) No Matching Network

Package Dimensions

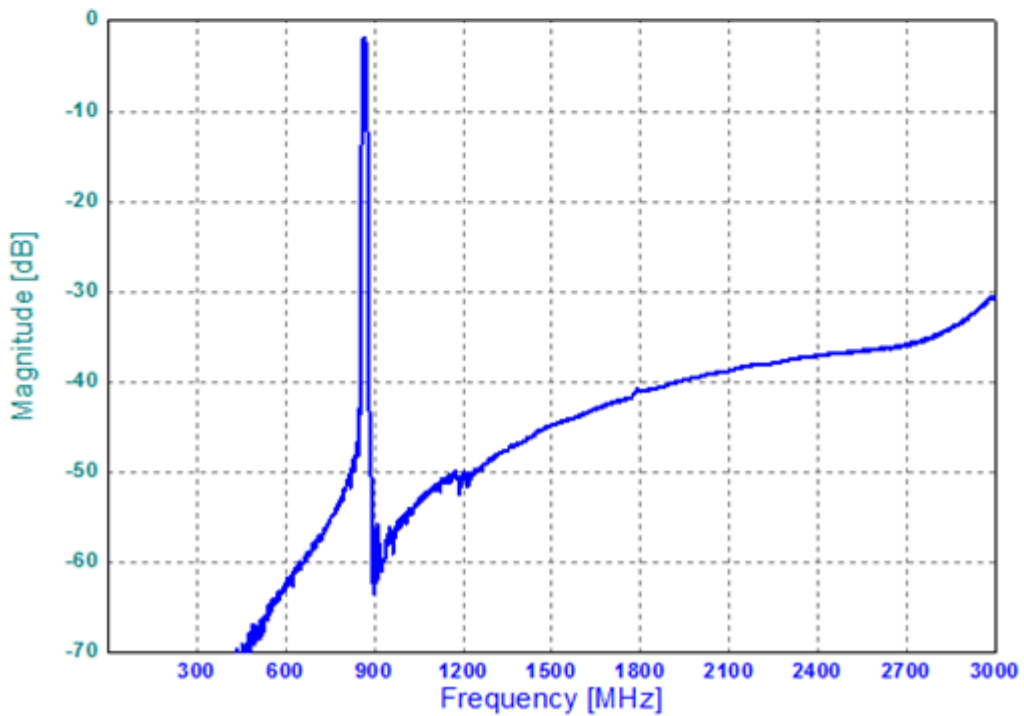
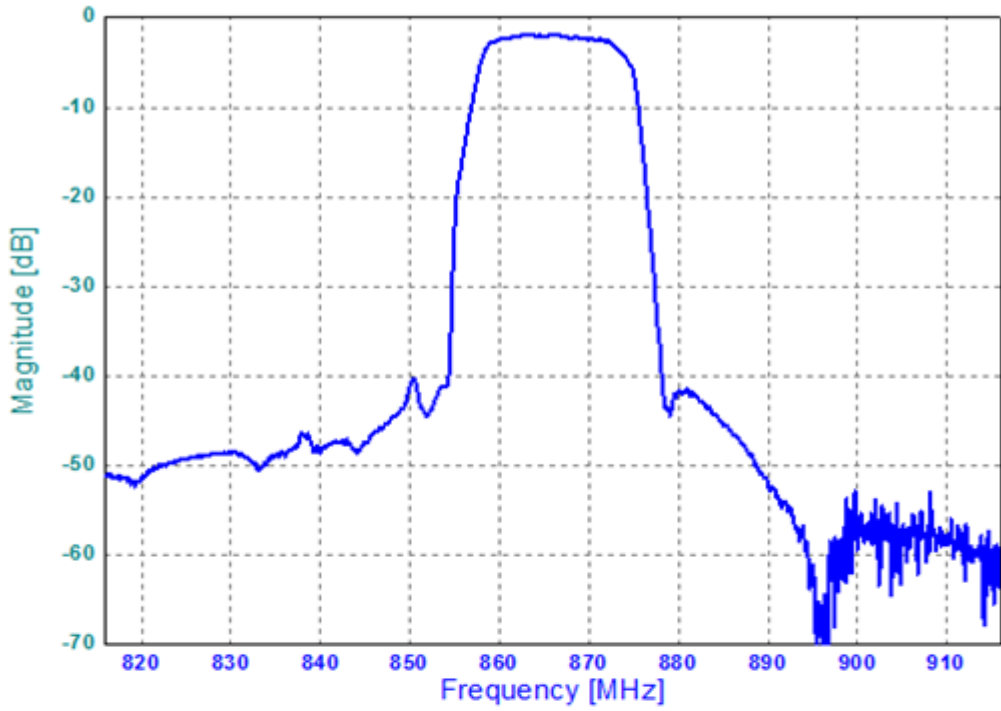


Testing Environment

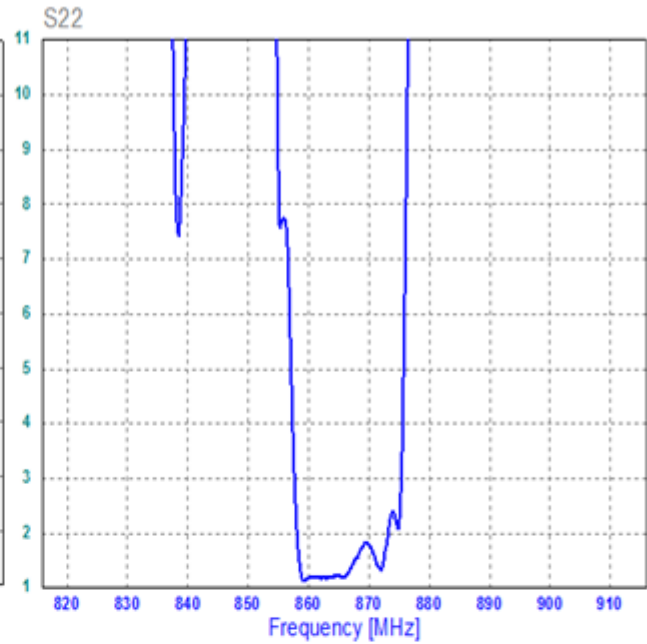
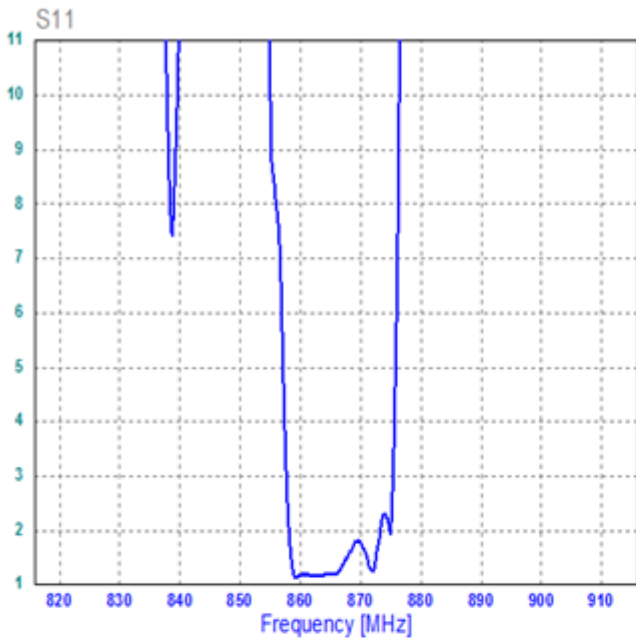


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

