

- Wireless, RF SAW Filter
- Revision 0: February 2012

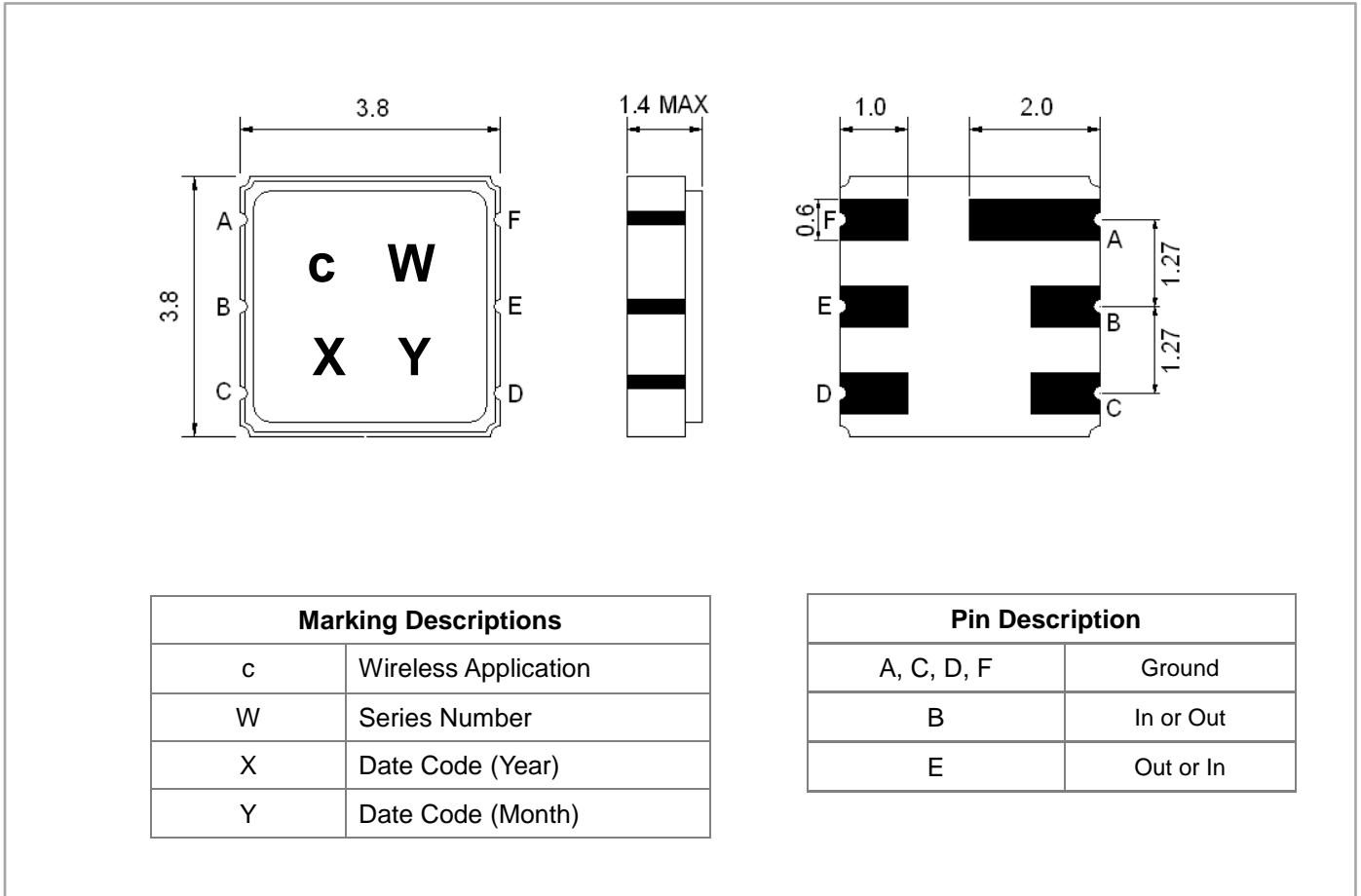
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	10
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	P			
Length x Width	mm ²	-	3.8 x 3.8	-
Height	mm	-	-	1.4

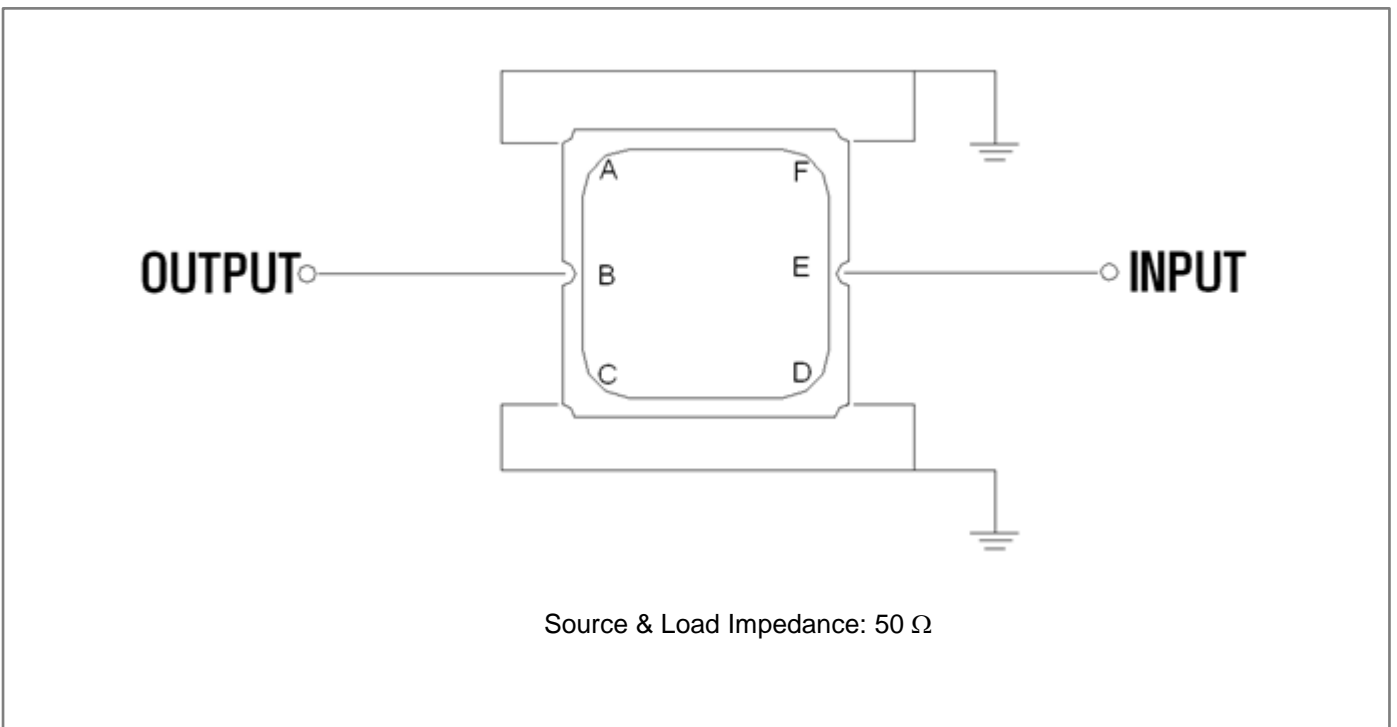
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	869.0	-
Insertion Loss within 865.0 ~ 873.0 MHz	dB	-	2.3	3.0
Amplitude Ripple within 865.0 ~ 873.0 MHz	dB _{p-p}	-	0.6	1.5
Return Loss within 865.0 ~ 873.0 MHz	dB	8	10	-
Attenuation:				
825.0 ~ 828.0 MHz	dB	40	53	-
846.0 ~ 849.0 MHz	dB	40	50	-
889.0 ~ 892.0 MHz	dB	35	45	-
910.0 ~ 913.0 MHz	dB	40	55	-

Notes : (1) No Matching Network.

Package Dimensions

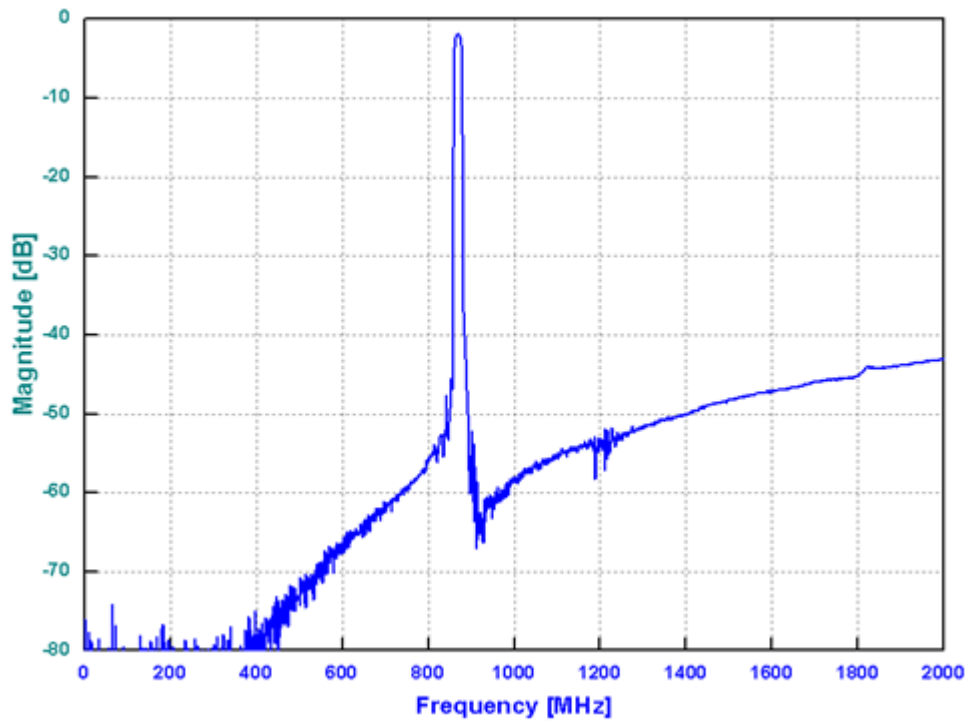
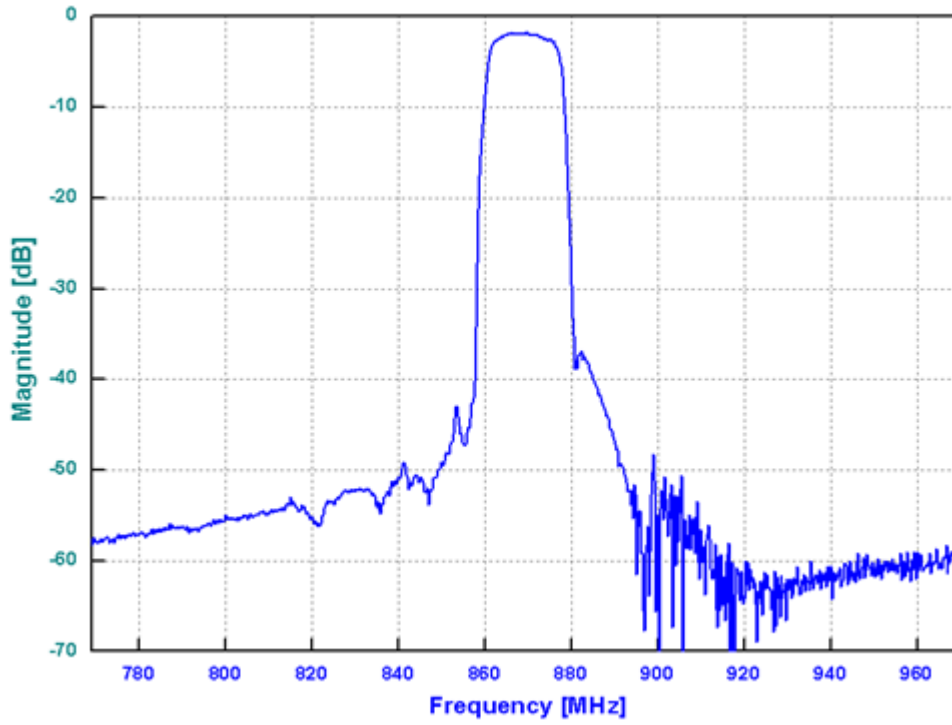


Testing Environment

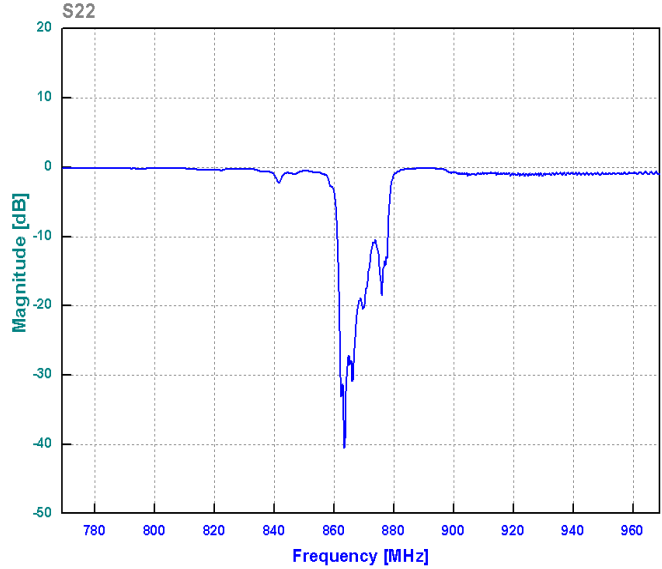
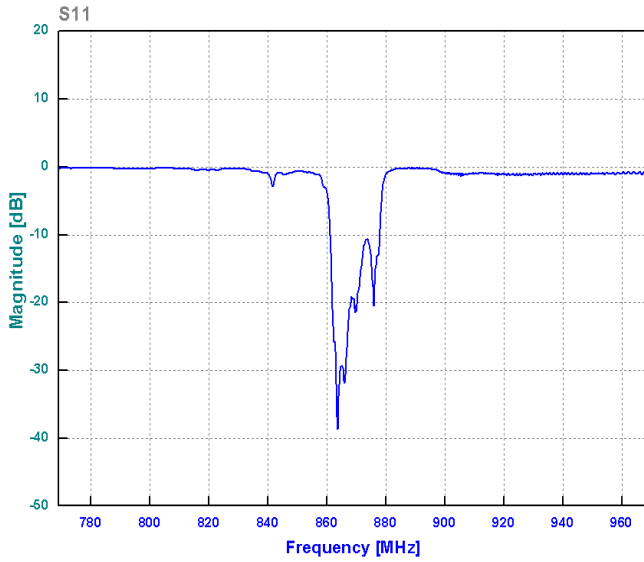


Frequency Characteristics

Frequency Response



Return Loss



Smith Chart

