

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

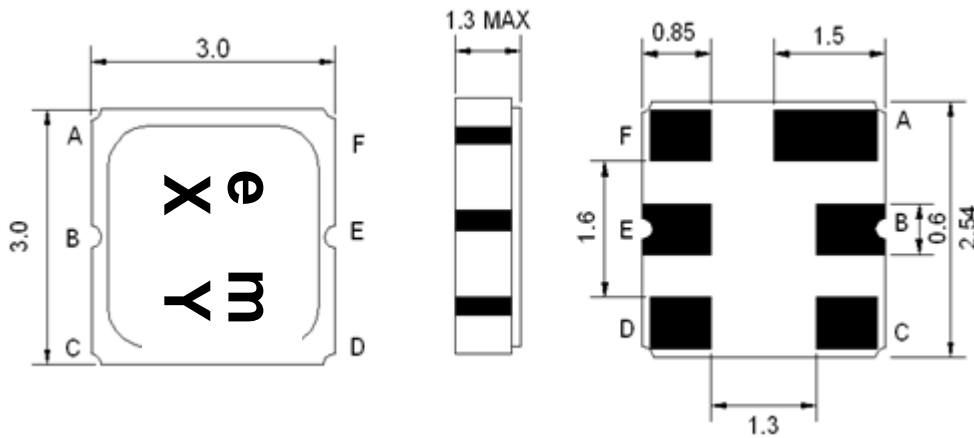
Electrical Characteristics

MAXIMUM RATINGS				
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	-	-	10
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	-	2646.5	-
Insertion Loss within 2586.5 ~ 2706.5 MHz	dB	-	2.0	3.5
Amplitude Ripple within 2586.5 ~ 2706.5 MHz	dB _{p-p}	-	0.8	2.0
Attenuation:				
2000.0 ~ 2480.0 MHz	dB	25	30	-
2760.0 ~ 3000.0 MHz	dB	25	32	-
VSWR within 2586.5 ~ 2706.5 MHz	-	-	1.8	2.2

Notes: (1) With Matching Network. (Ref. Testing Environment Circuit as shown below).

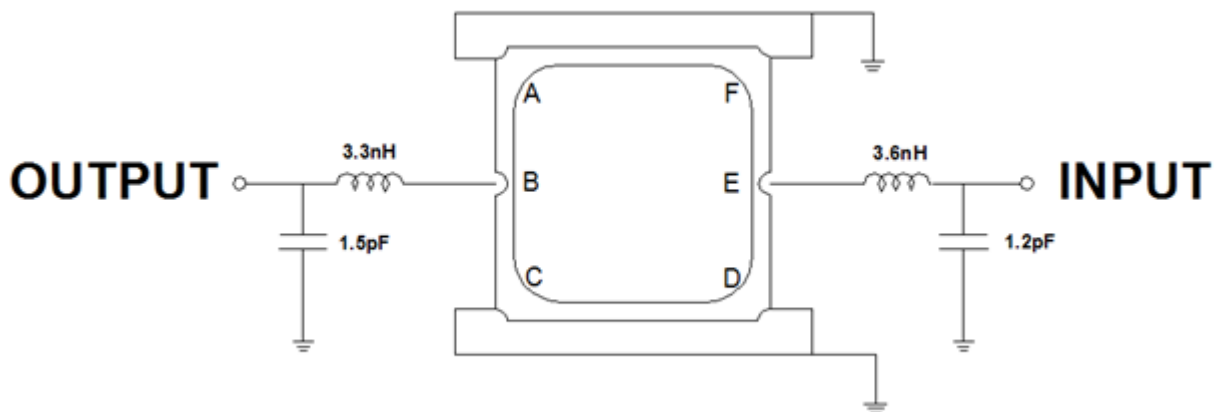
Package Dimensions



Marking Descriptions	
e	Wireless Application
m	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

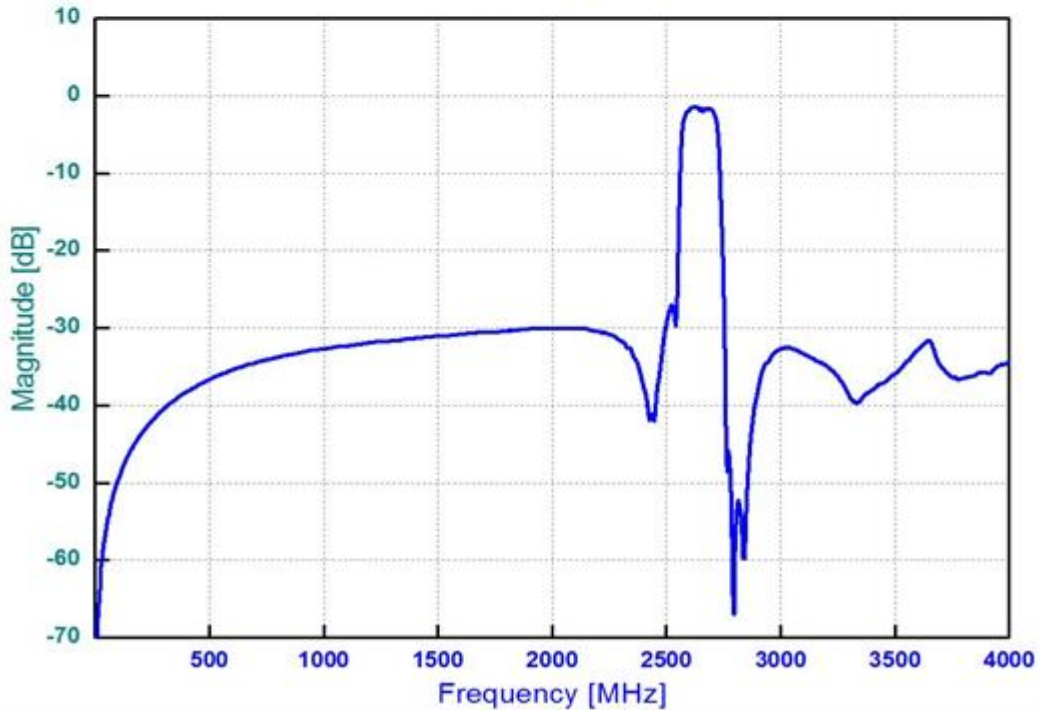
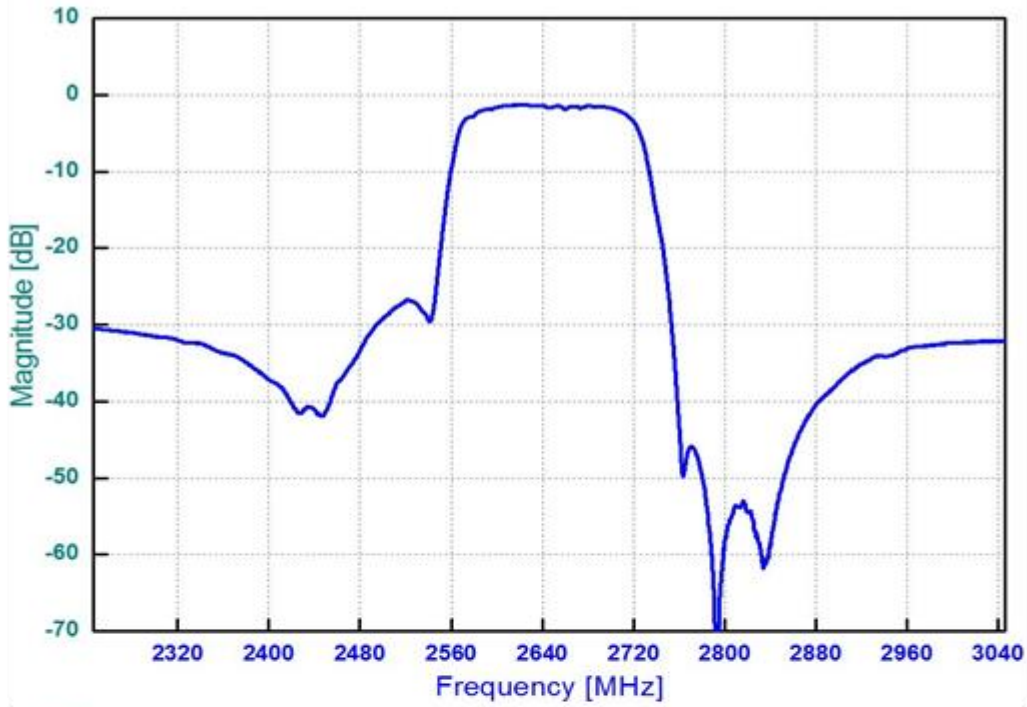
Testing Environment



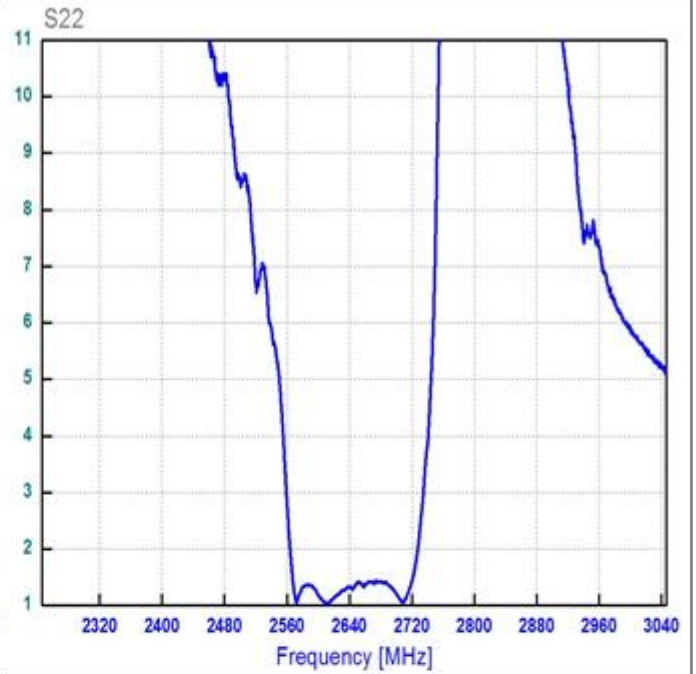
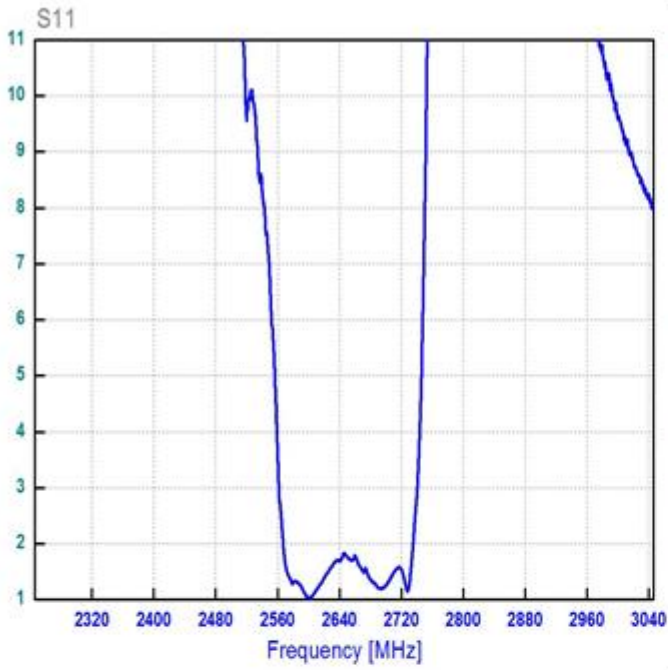
Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response



VSWR



Smith Chart

