

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

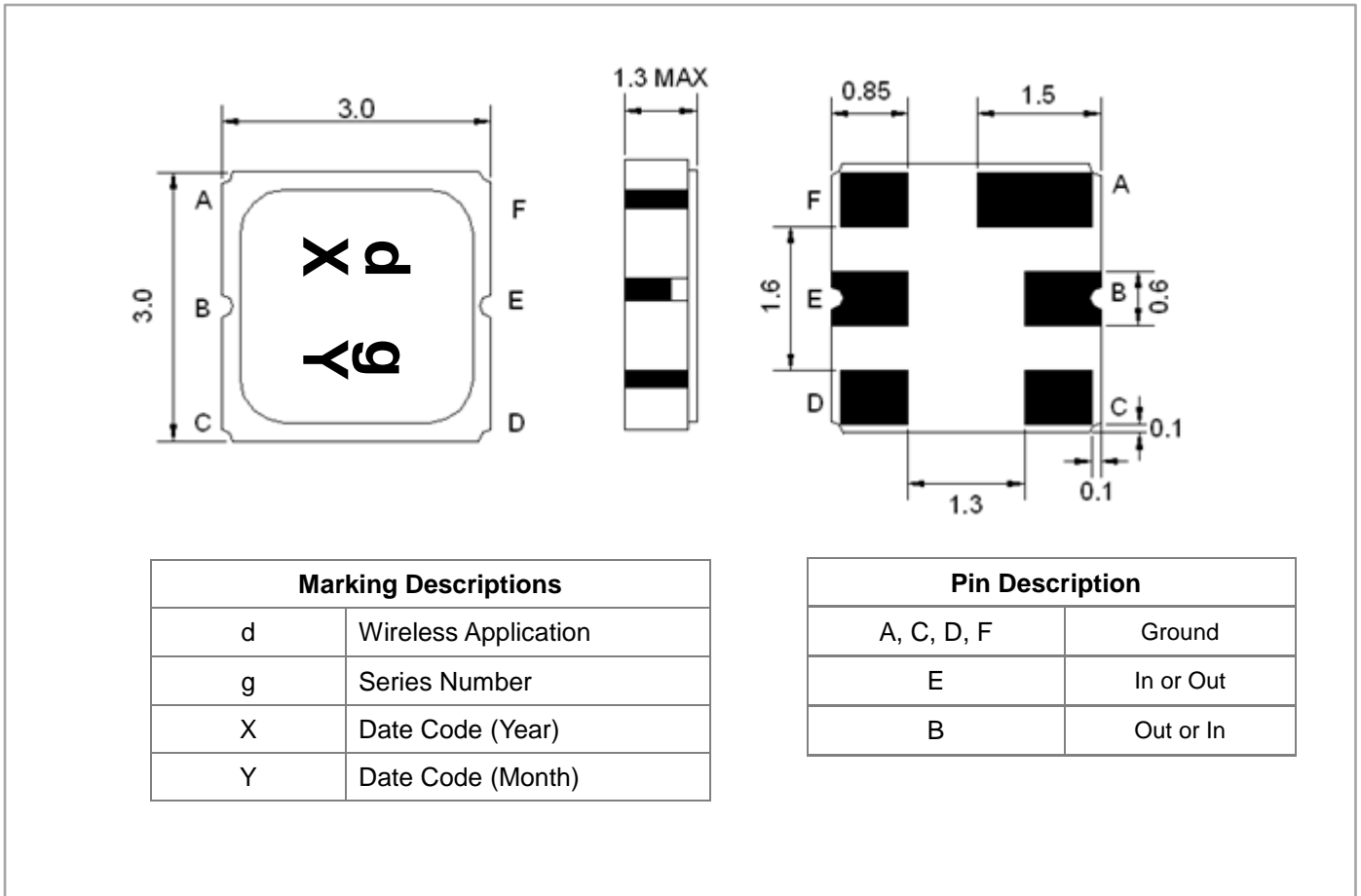
## Electrical Characteristics

MAXIMUM RATINGS				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	30
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	S20			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.3

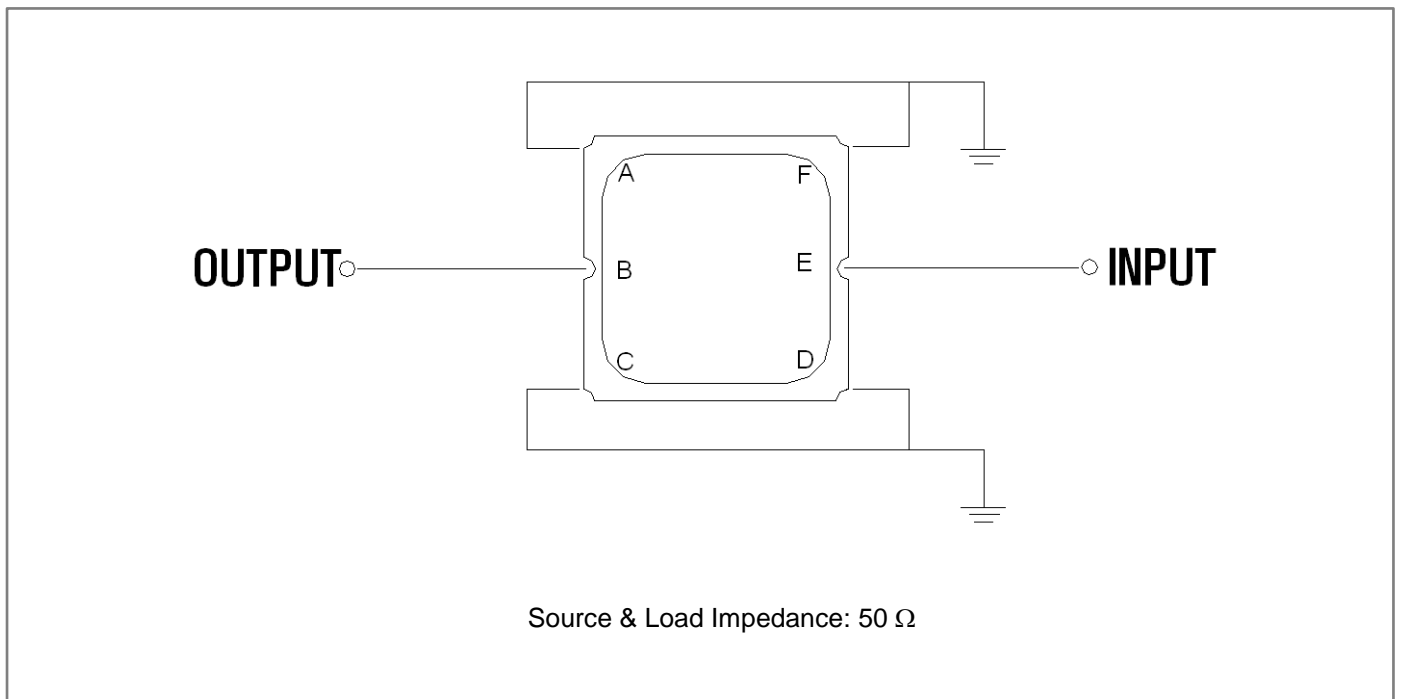
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	782.0	-
Insertion Loss within 777.0 ~ 787.0 MHz	dB	-	1.0	2.5
Amplitude Ripple within 777.0 ~ 787.0 MHz	dB <sub>p-p</sub>	-	0.4	1.3
Return Loss within 777.0 ~ 787.0 MHz	dB	10	15	-
<b>Attenuation:</b>				
704.0 ~ 716.0 MHz	dB	30	37	-
734.0 ~ 756.0 MHz	dB	30	40	-

**Notes:** (1) No Matching Network

## Package Dimensions

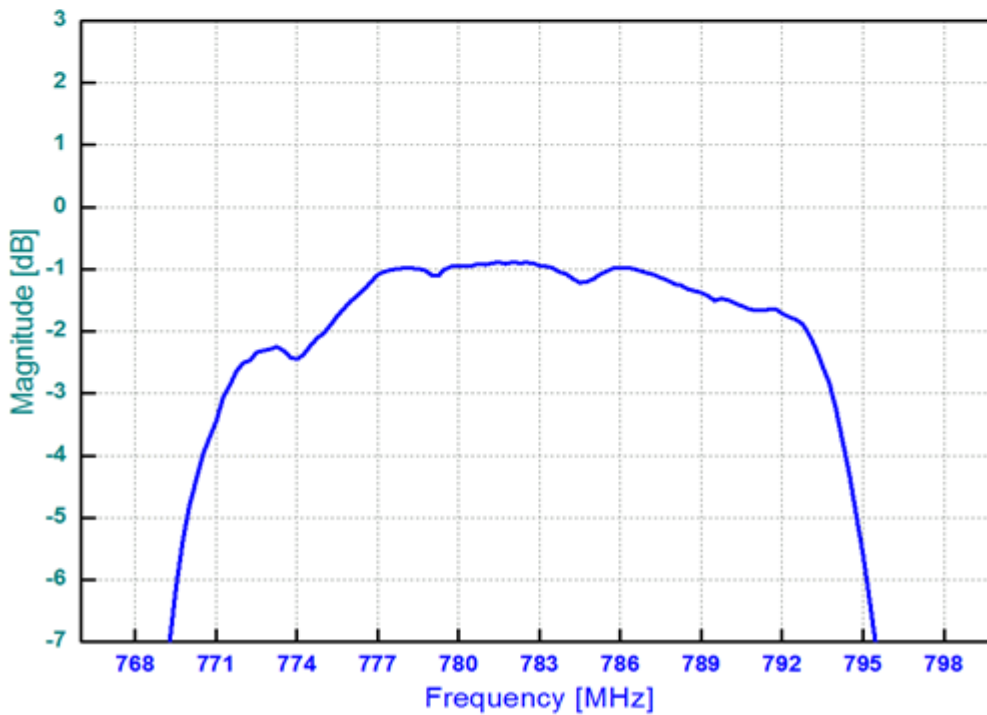
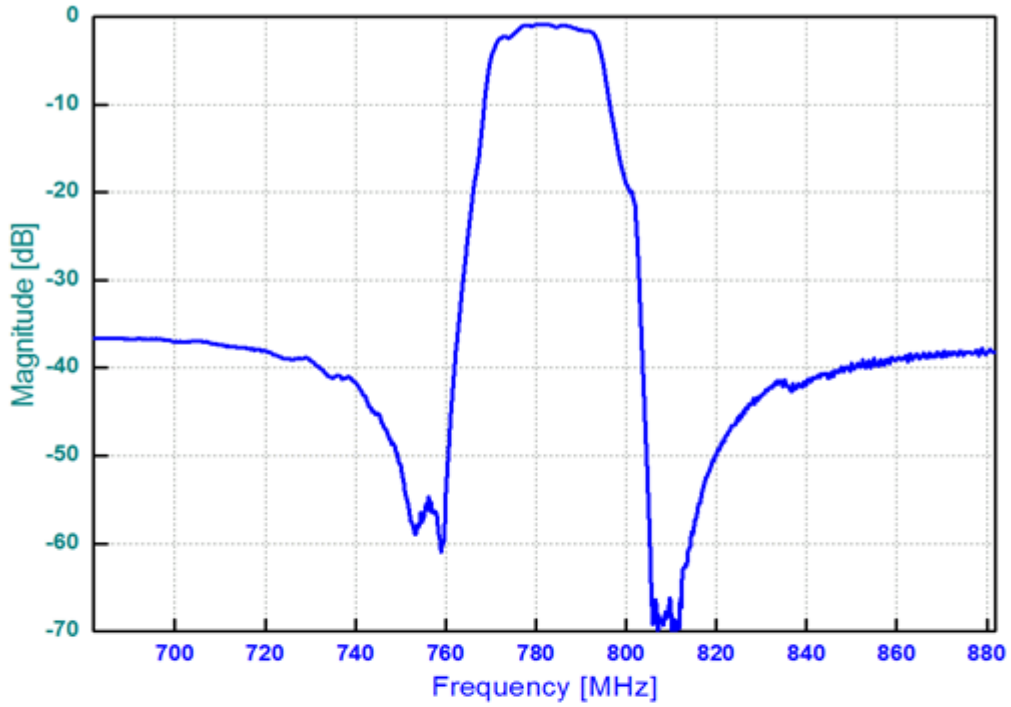


## Testing Environment

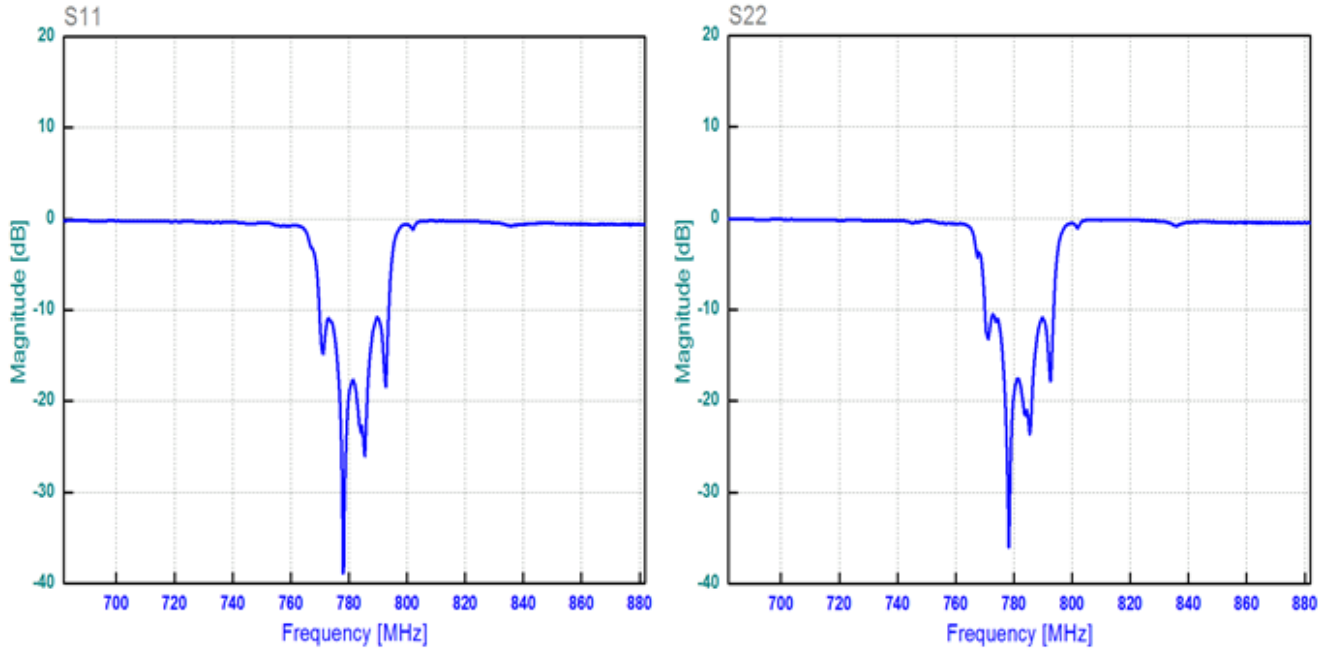


**Frequency Characteristics**

**Frequency Response**



## Return Loss



## Smith Chart

