

- iDEN, RF-Rx SAW Filter
- Revision 0: October 2003

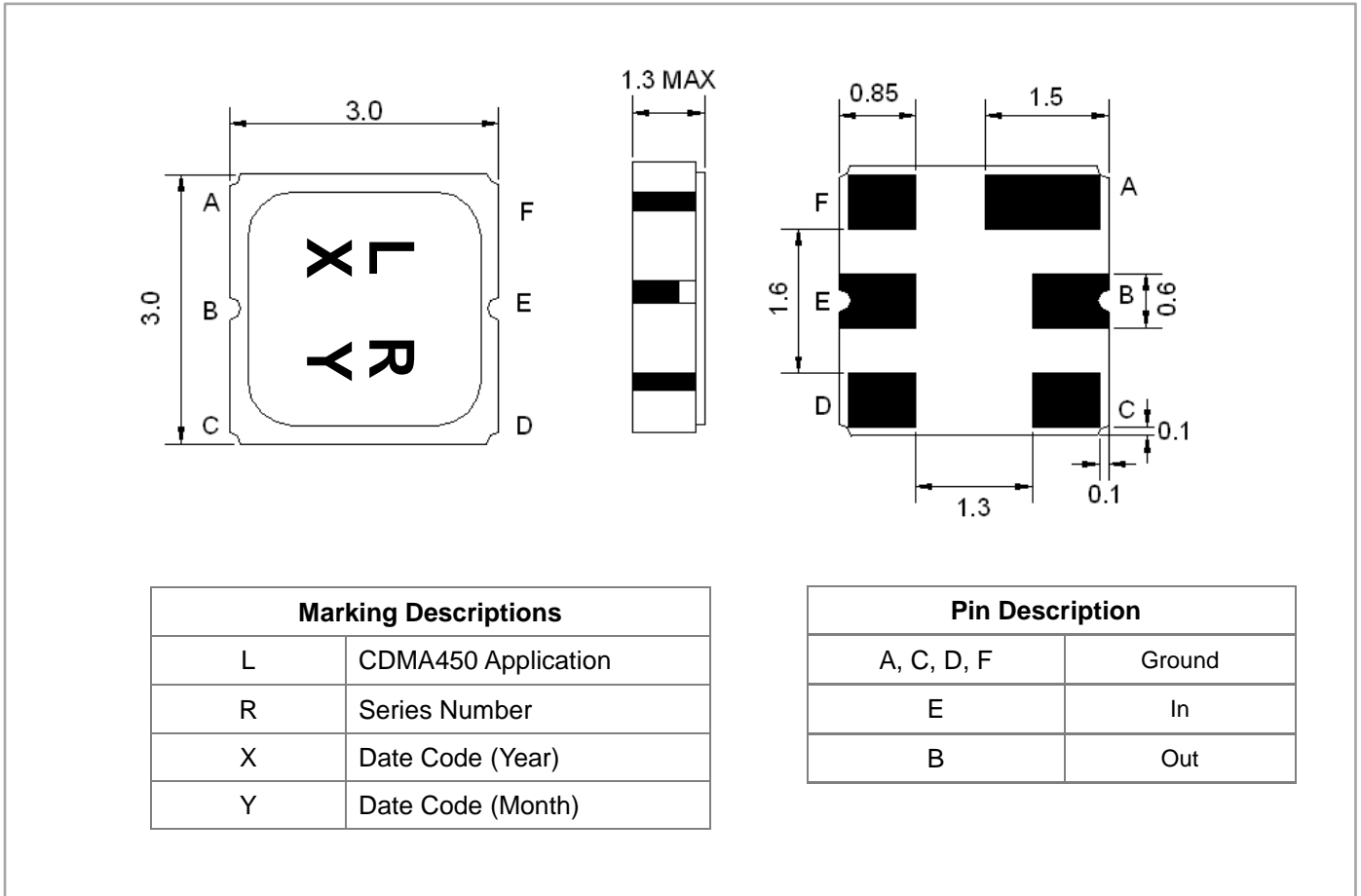
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+70
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	15
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	M			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.3

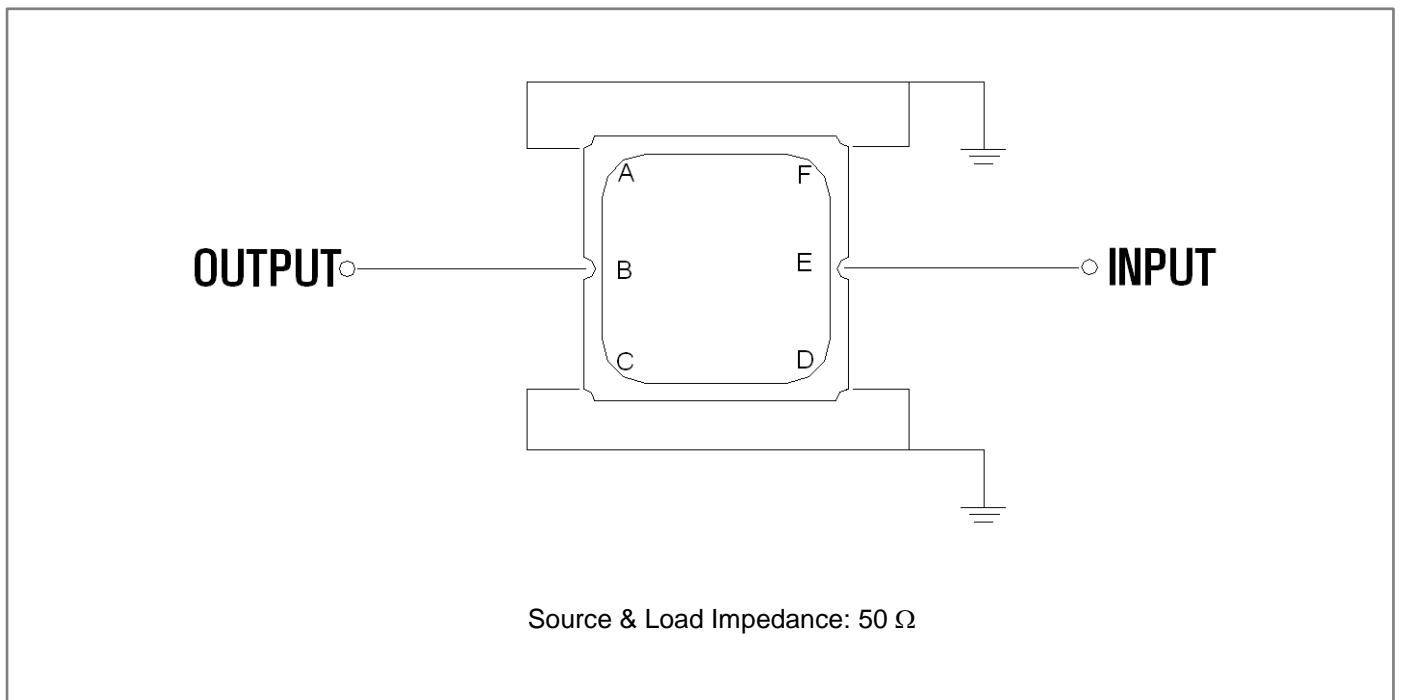
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	861.0	-
Insertion Loss within 851 ~ 871 MHz	dB	-	2.5	3.5
Amplitude Ripple within 851 ~ 871 MHz	dB <sub>p-p</sub>	-	0.6	1.5
<b>Attenuation:</b>				
D.C. ~ 806 MHz	dB	27	49	-
806 ~ 825 MHz	dB	37	50	-
896 ~ 902 MHz	dB	28	34	-
905.825 ~ 924.825 MHz	dB	27	39	-
960 ~ 979 MHz	dB	37	53	-
1070 ~ 1089 MHz	dB	47	51	-
1089 ~ 3000 MHz	dB	27	32	-
VSWR within 851 ~ 871 MHz	-	-	1.6	2.0

**Notes:** (1) No Matching Network (Ref. Testing Environment Circuit as shown below).

## Package Dimensions

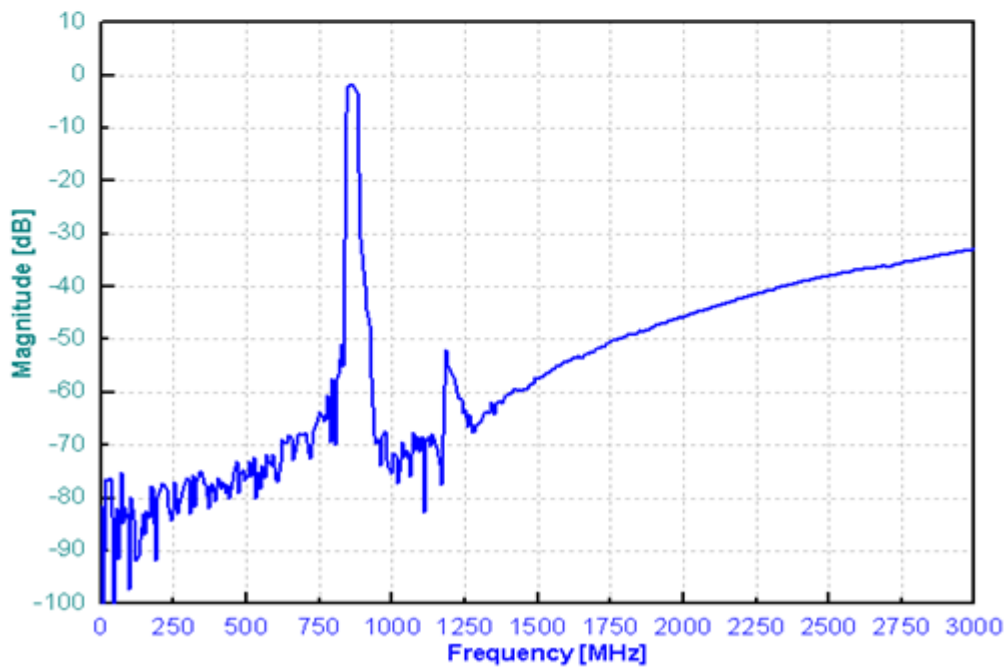
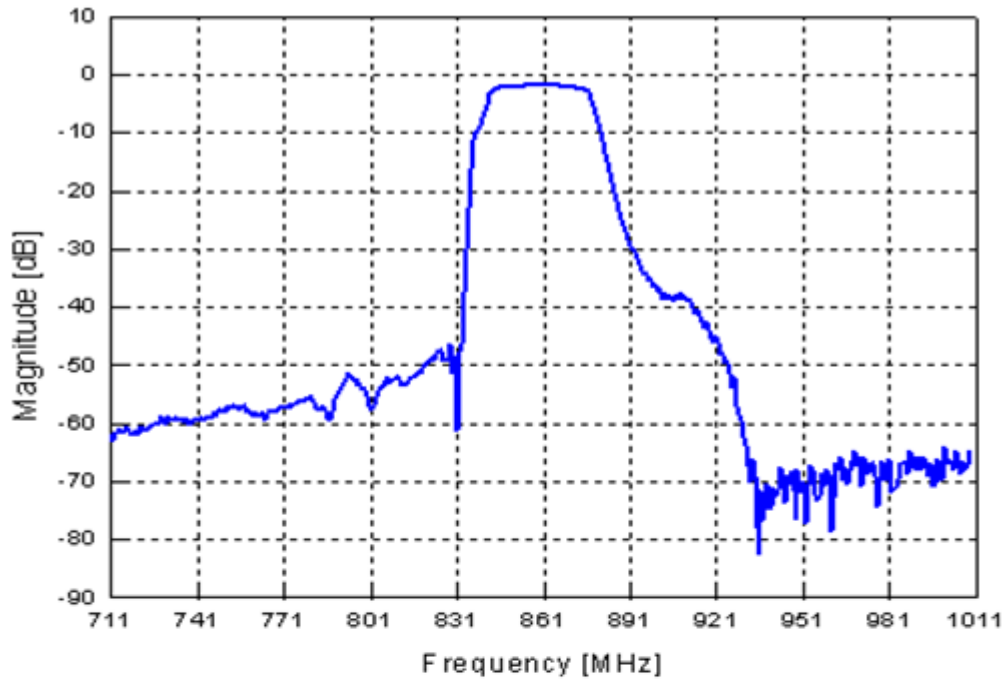


## Testing Environment

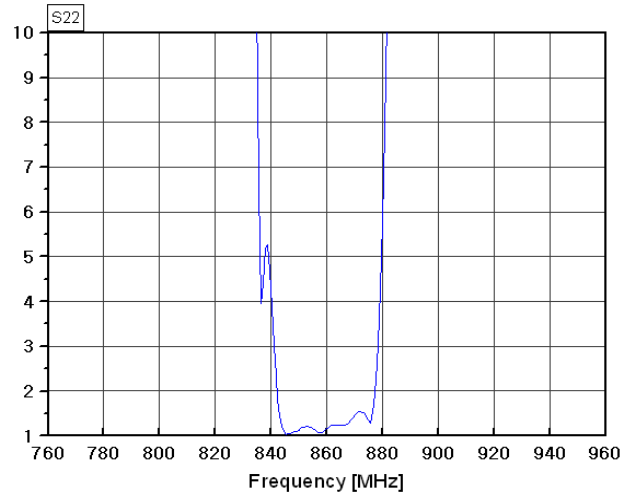
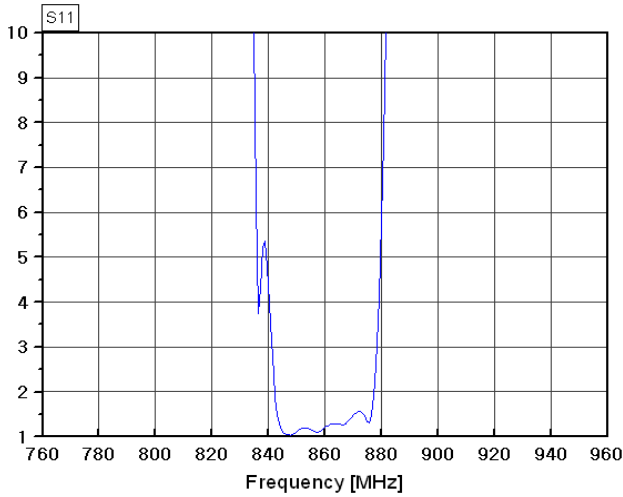


## Frequency Characteristics

Frequency Response



## VSWR



## Smith Chart

