

- RFID, RF SAW Filter
- Revision 0: August 2008

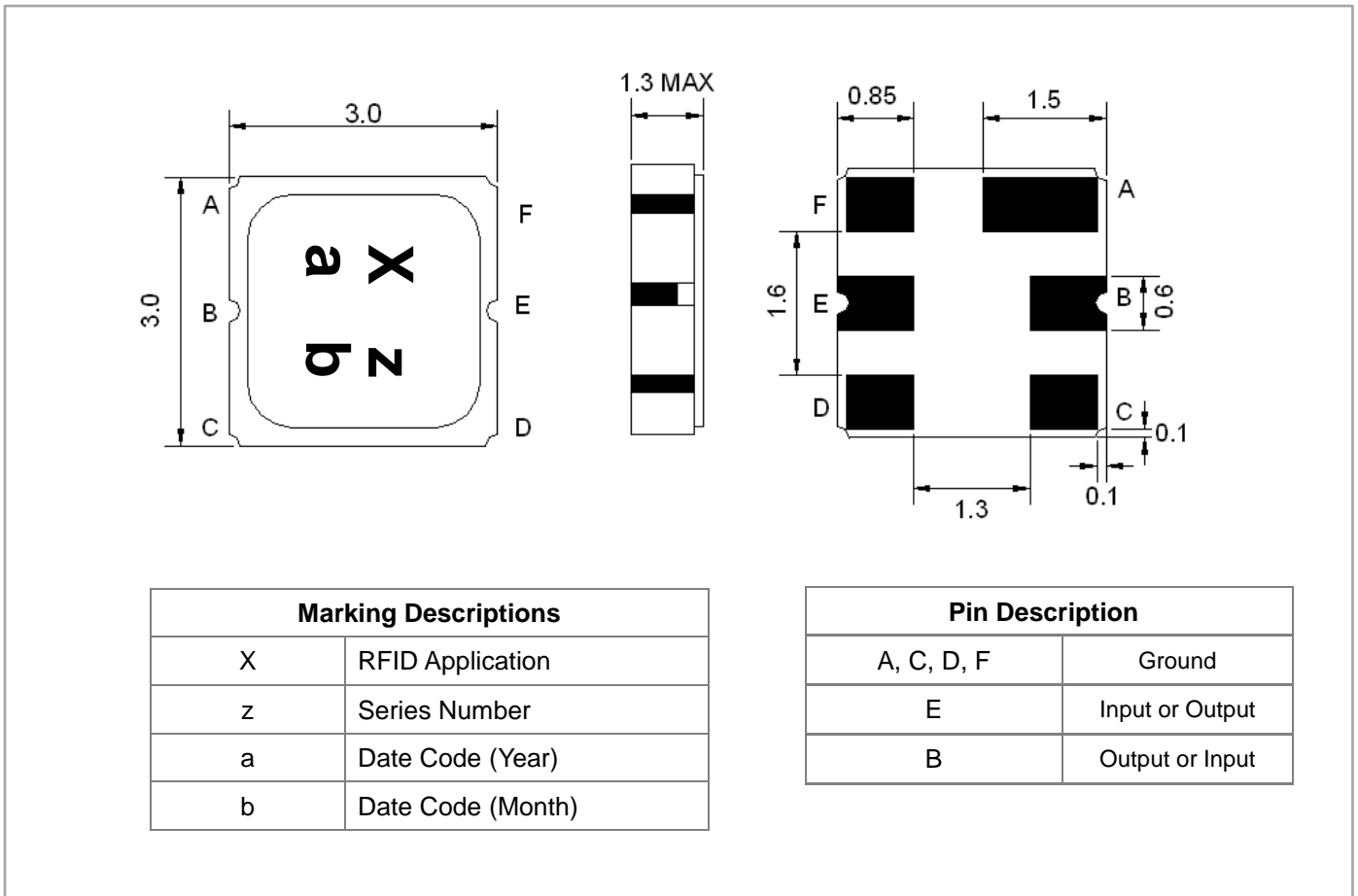
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	15
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	M			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

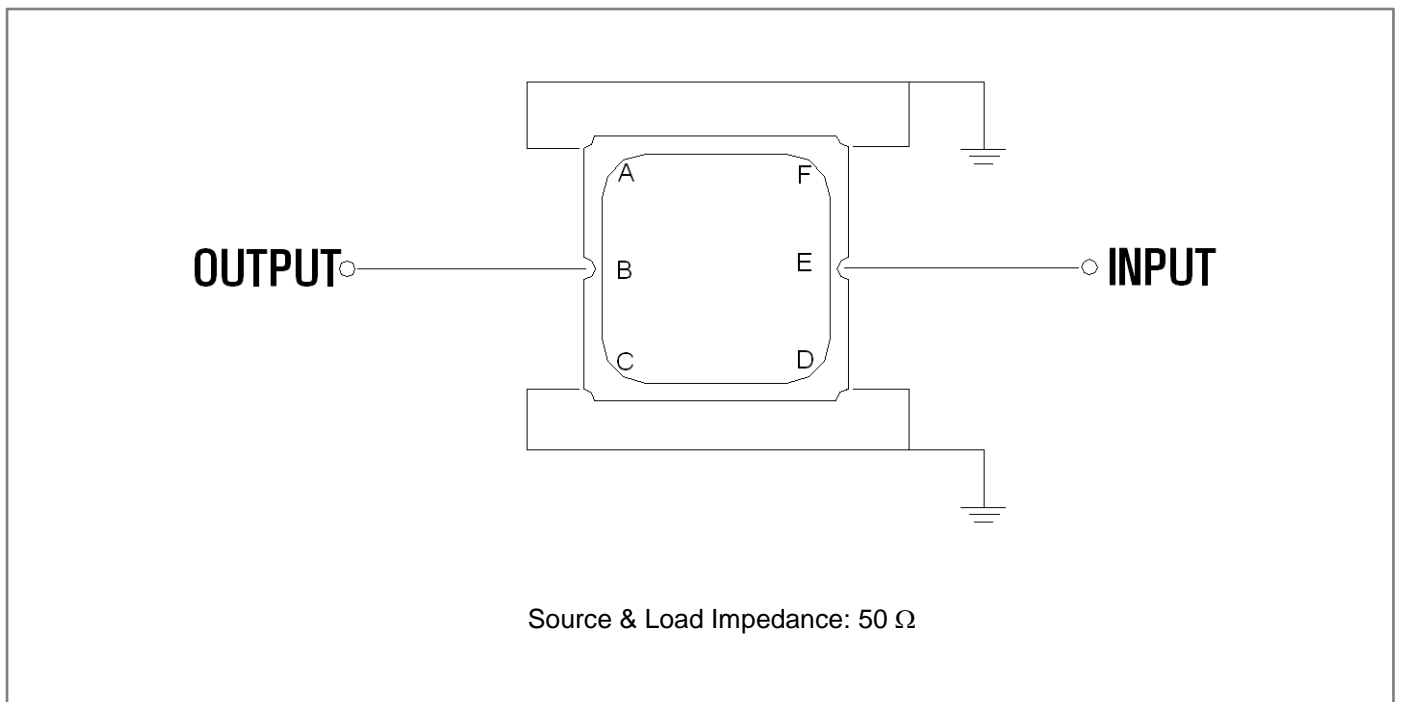
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	953.5	-
Insertion Loss within 952.0~955.0MHz	dB	-	3.0	3.5
Amplitude Ripple within 952.0~955.0MHz	dB _{p-p}	-	0.5	1.0
Attenuation:				
0.3 ~ 920.0 MHz	dB	45	50	-
1000.0 ~ 2000.0 MHz	dB	30	45	-
VSWR within 952.0~955.0MHz	-	-	1.5	2.0

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

Package Dimensions

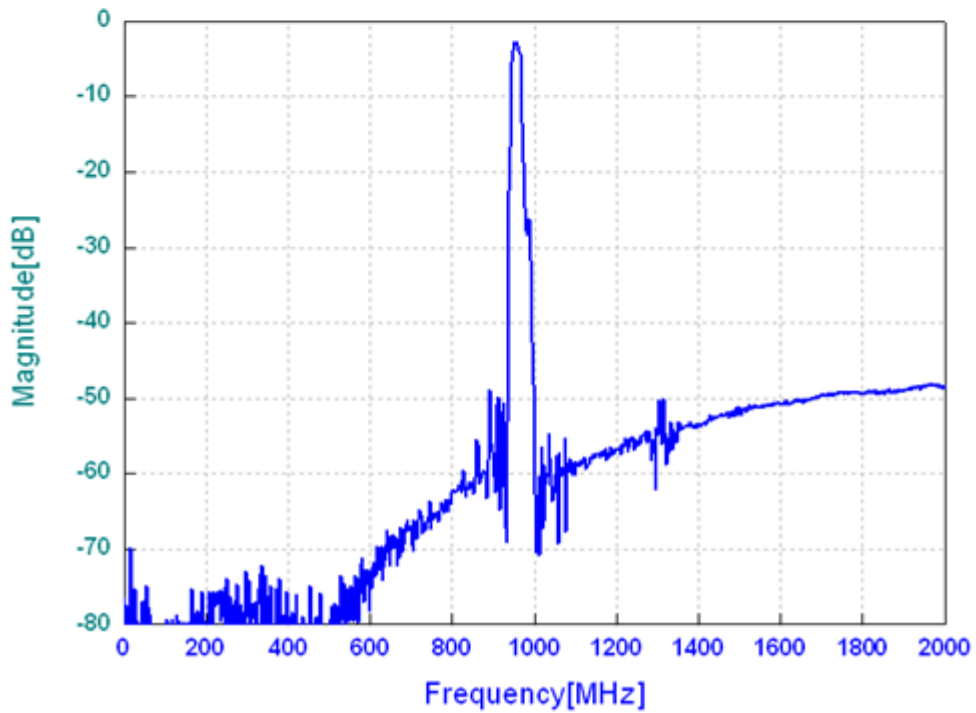
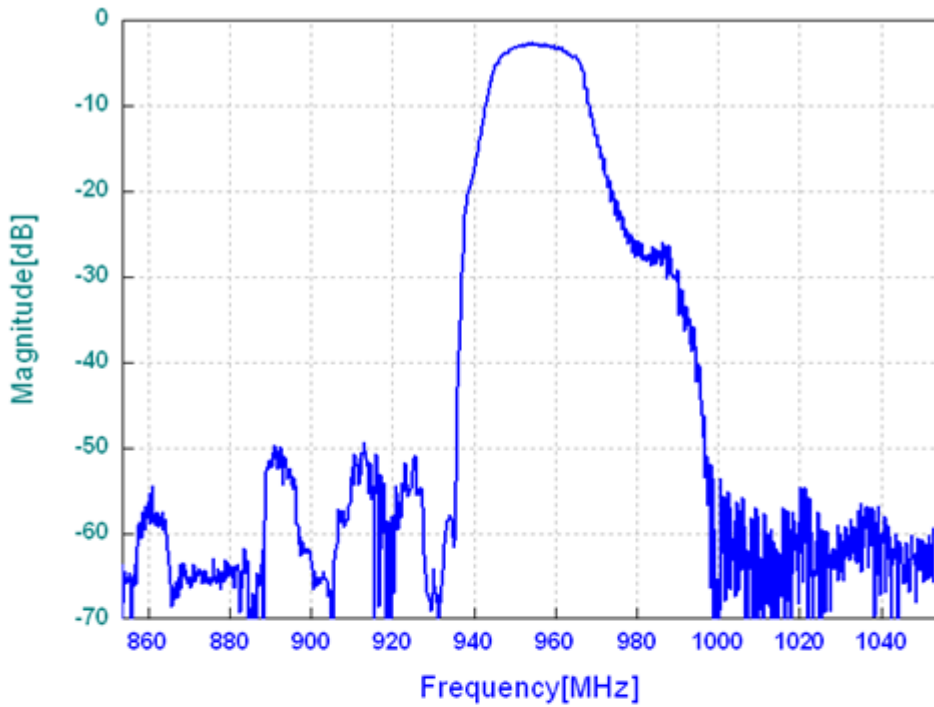


Testing Environment

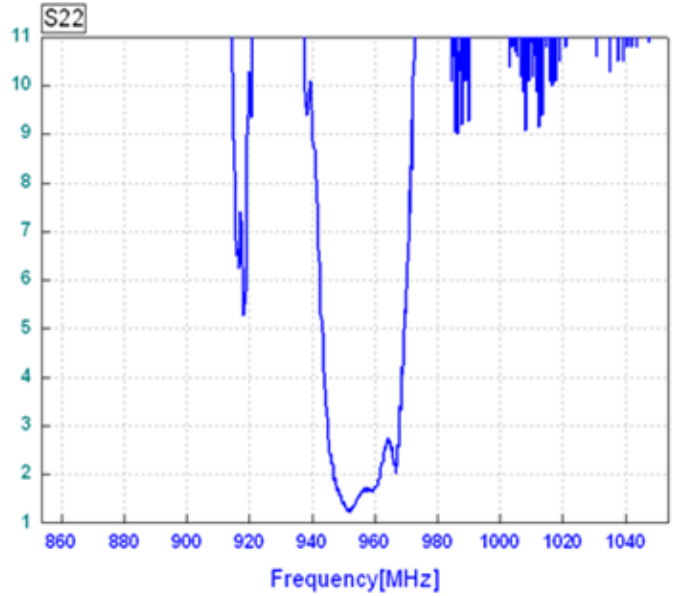
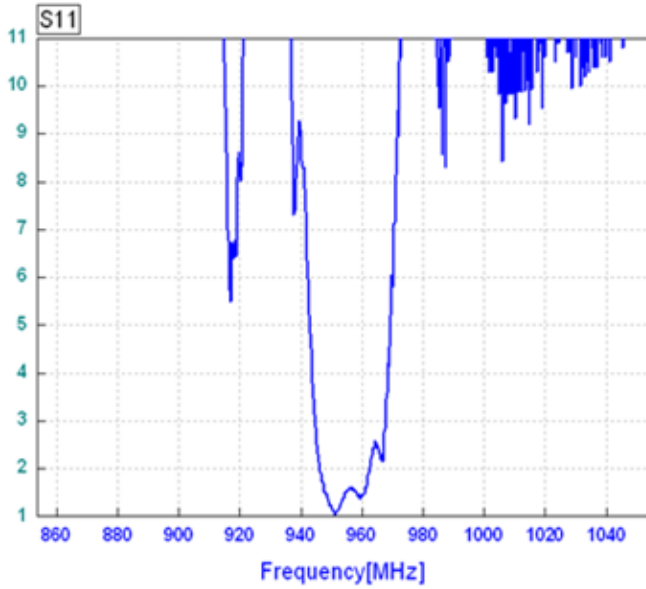


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

