

- CDMA, RF-Rx SAW Filter
- Revision 0:

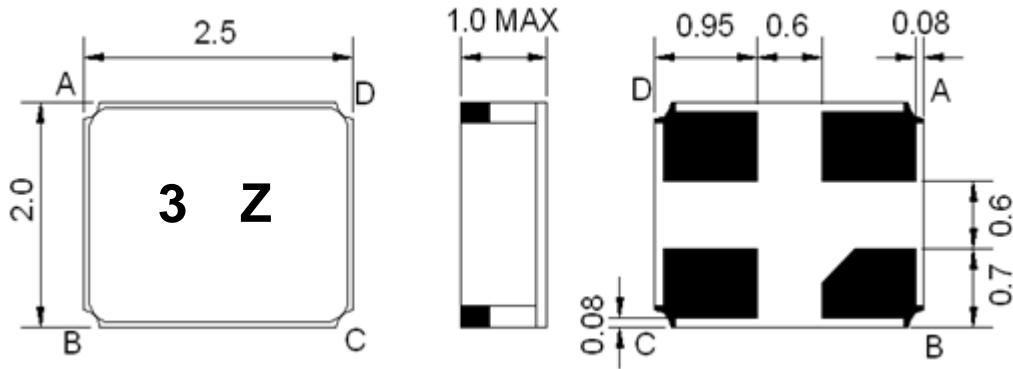
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	15
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	L			
Length x Width	mm ²	-	2.5 x 2.0	-
Height	mm	-	-	1.0

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	881.5	-
Insertion Loss within 869~894MHz	dB	-	2.4	2.8
Amplitude Ripple within 869~894MHz	dB _{p-p}	-	0.65	1.2
Attenuation:				
D.C. ~ 840 MHz	dB	45	51	-
840 ~ 851 MHz	dB	40	45	-
914 ~ 924 MHz	dB	20	26	-
924 ~ 950 MHz	dB	34	39	-
950 ~ 997 MHz	dB	40	49	-
997 ~ 2200 MHz	dB	40	47	-
2200 ~ 3000 MHz	dB	27	30	-
VSWR within 869~894MHz	-	-	1.7	2.1

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

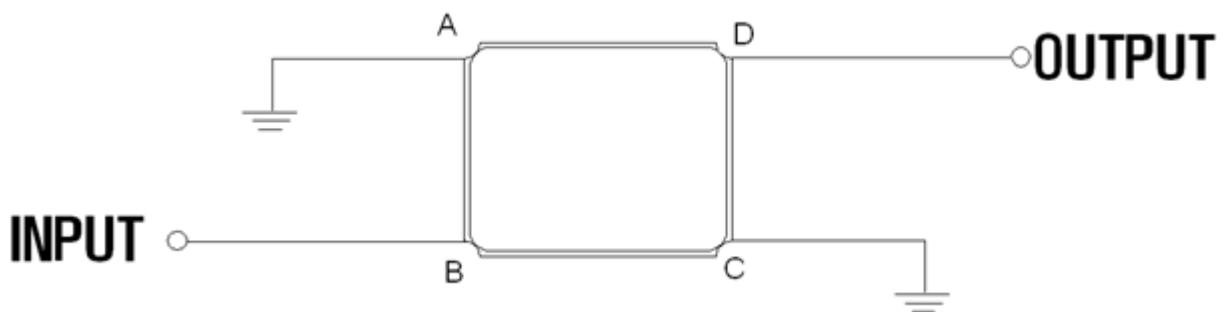
Package Dimensions



Marking Descriptions	
3	Series Number
Z	Date Code (Year+Month)

Pin Description	
A, C	Ground
B	In
D	Out

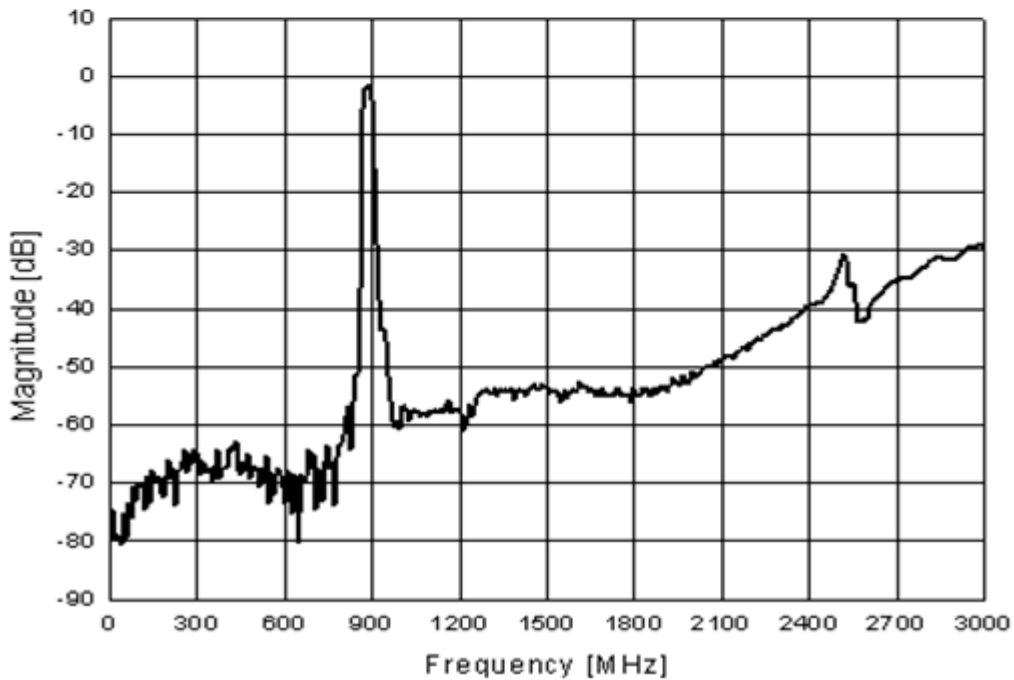
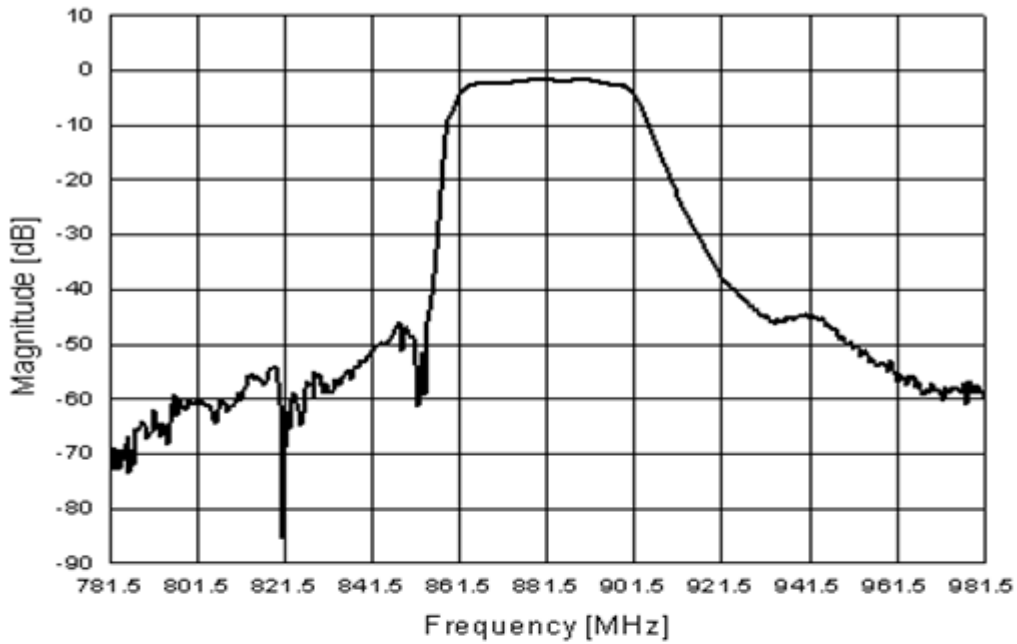
Testing Environment



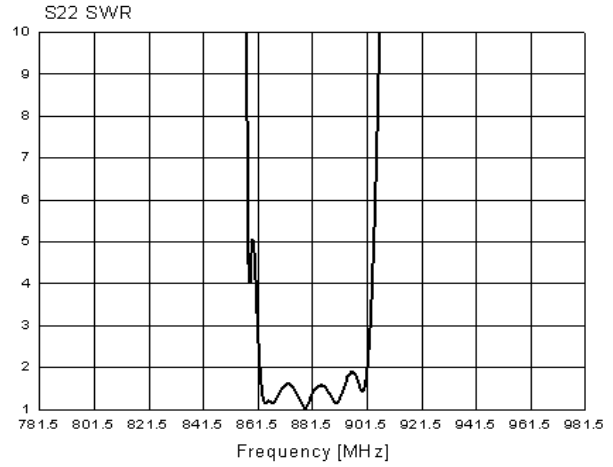
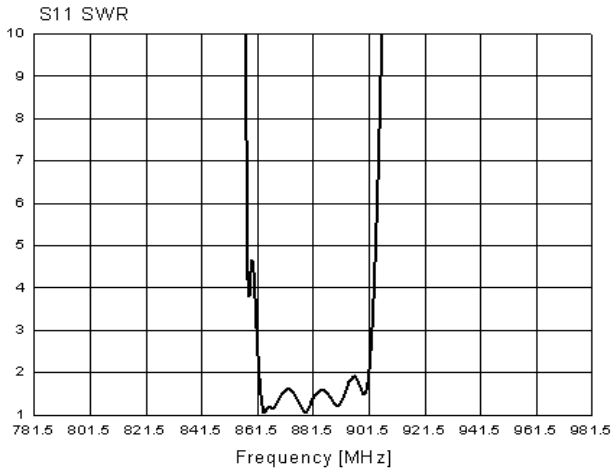
Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response

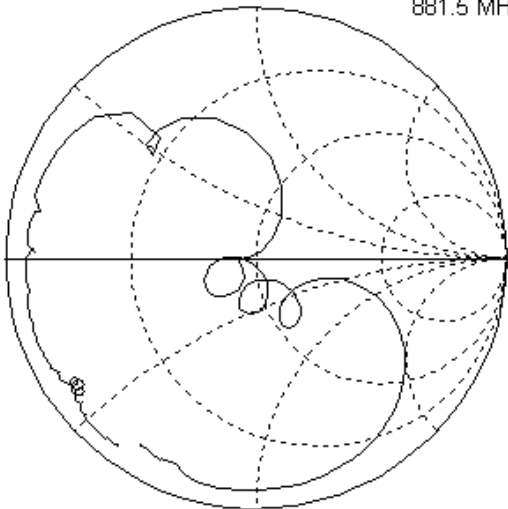


VSWR



Smith Chart

S11 $52.3119-j 16.1941$
881.5 MHz



S22 $49.5132-j 15.4014$
881.5 MHz

