

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

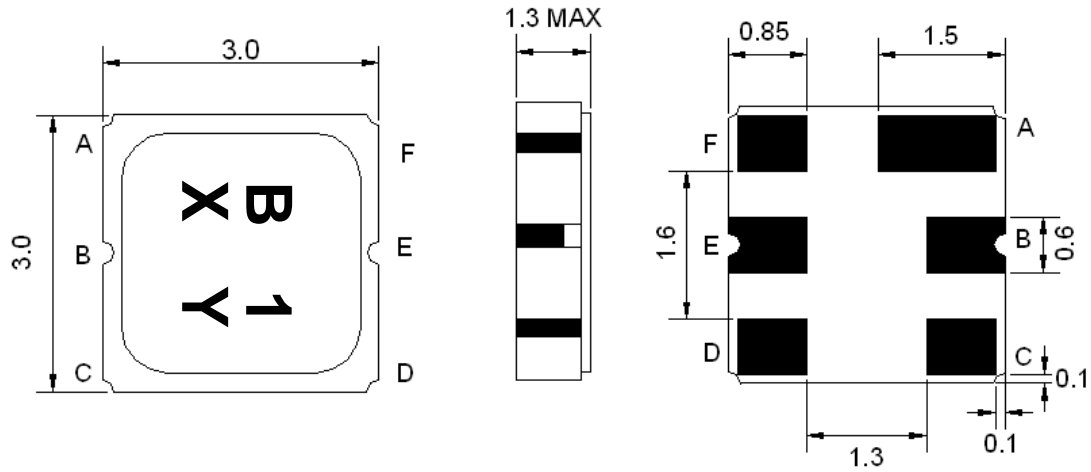
Electrical Characteristics

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	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	-	836.5	-
Insertion Loss within 824~849 MHz	dB	-	2.2	3.0
Amplitude Ripple within 824~849 MHz	dB _{p-p}	-	0.6	1.5
Attenuation:				
D.C. ~ 800 MHz	dB	48	53	-
869 ~ 1049 MHz	dB	27	32	-
1049 ~ 1200 MHz	dB	50	54	-
1200 ~ 2000 MHz	dB	43	48	-
VSWR within 824~849 MHz	-	-	1.5	2.0

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

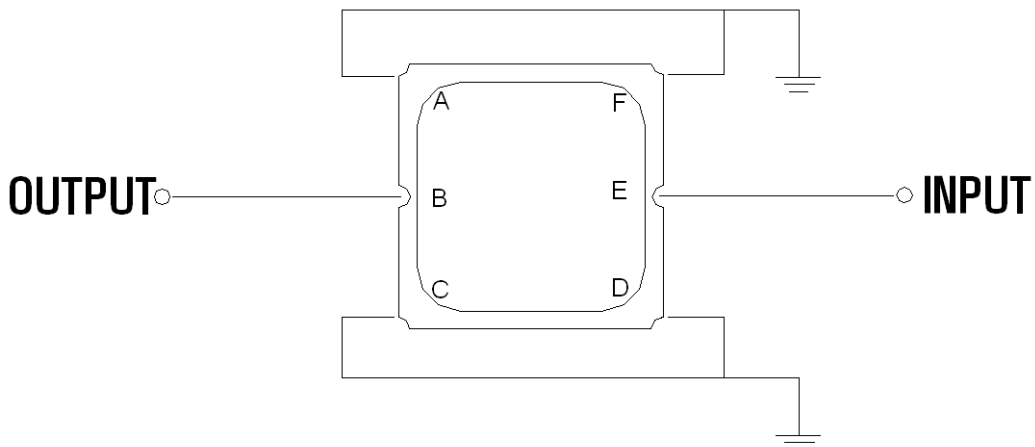
Package Dimensions



Marking Descriptions	
B	CDMA800 Application
1	Series Number
X	Date Code (Year)
Y	Date Code (Month)

Pin Description	
A, C, D, F	Ground
E	In
B	Out

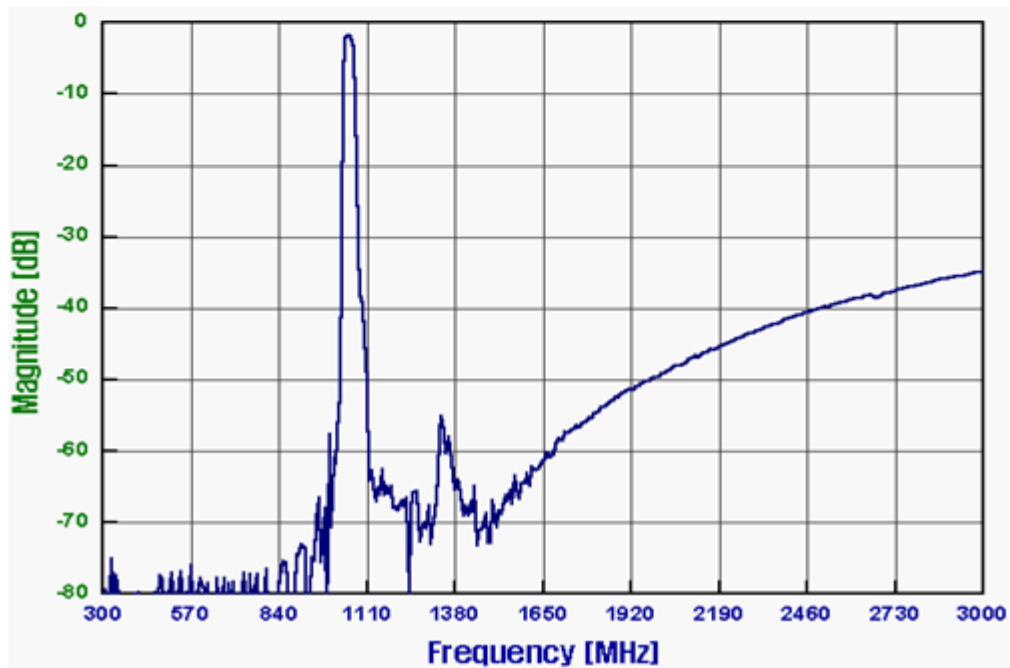
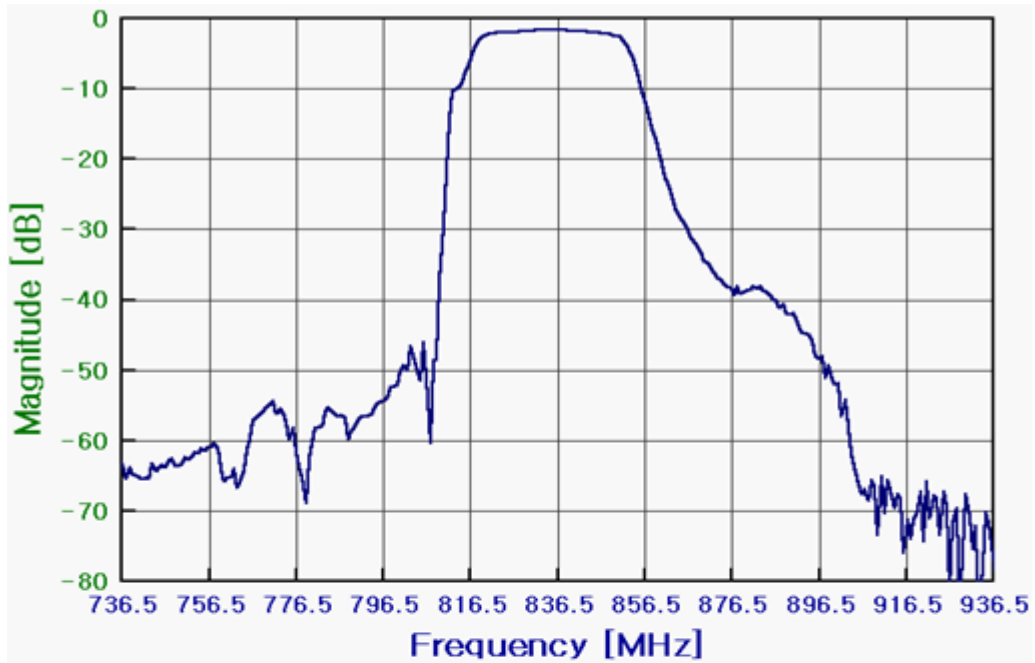
Testing Environment



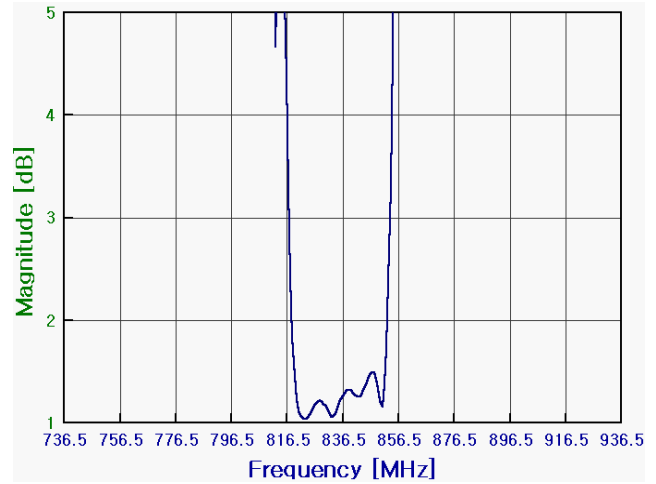
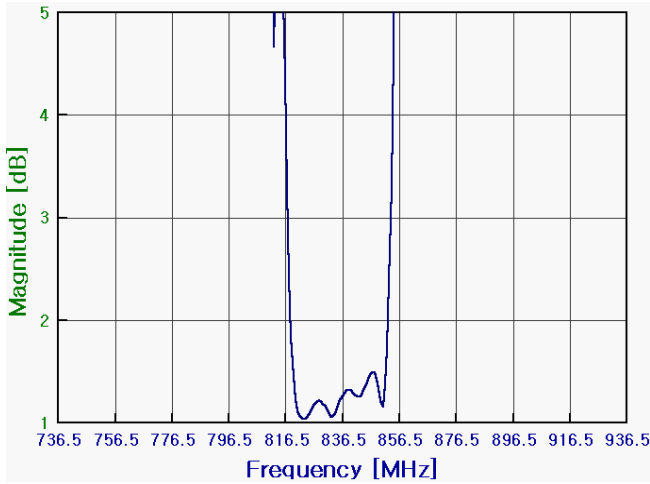
Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response



VSWR



Smith Chart

