

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

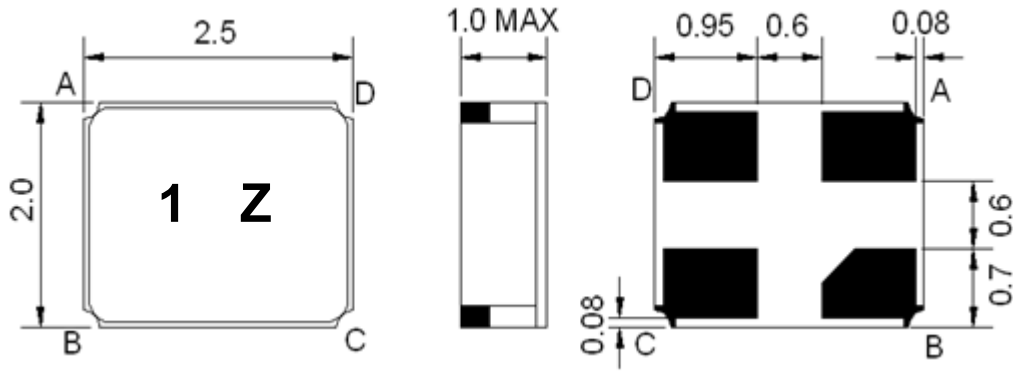
Electrical Characteristics

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	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	-	836.5	-
Insertion Loss within 824~849MHz	dB	-	2.2	2.8
Amplitude Ripple within 824~849MHz	dB _{p-p}	-	0.6	1.3
Attenuation:				
D.C. ~ 790 MHz	dB	45	52	-
790 ~ 810 MHz	dB	40	45	-
869 ~ 894 MHz	dB	25	29	-
894 ~ 914 MHz	dB	33	43	-
914 ~ 2000 MHz	dB	40	49	-
2000 ~ 3000 MHz	dB	27	29	-
VSWR within 824~849MHz	-	-	1.67	2.1

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

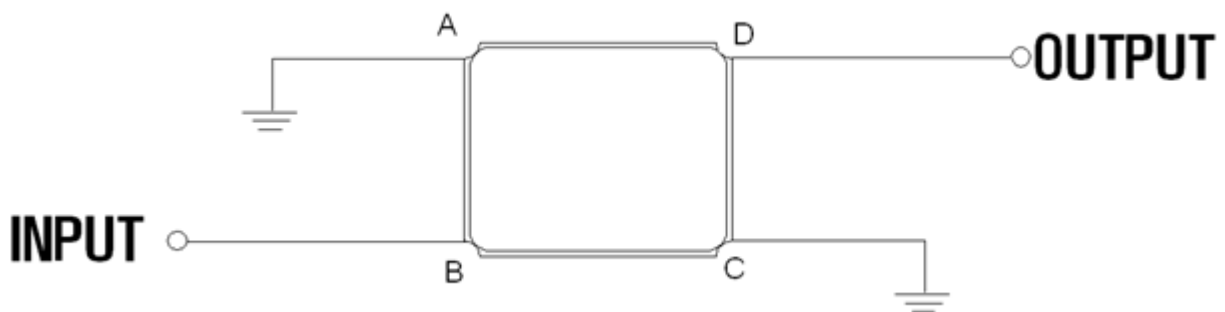
Package Dimensions



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

Pin Description	
A, C	Ground
B	In
D	Out

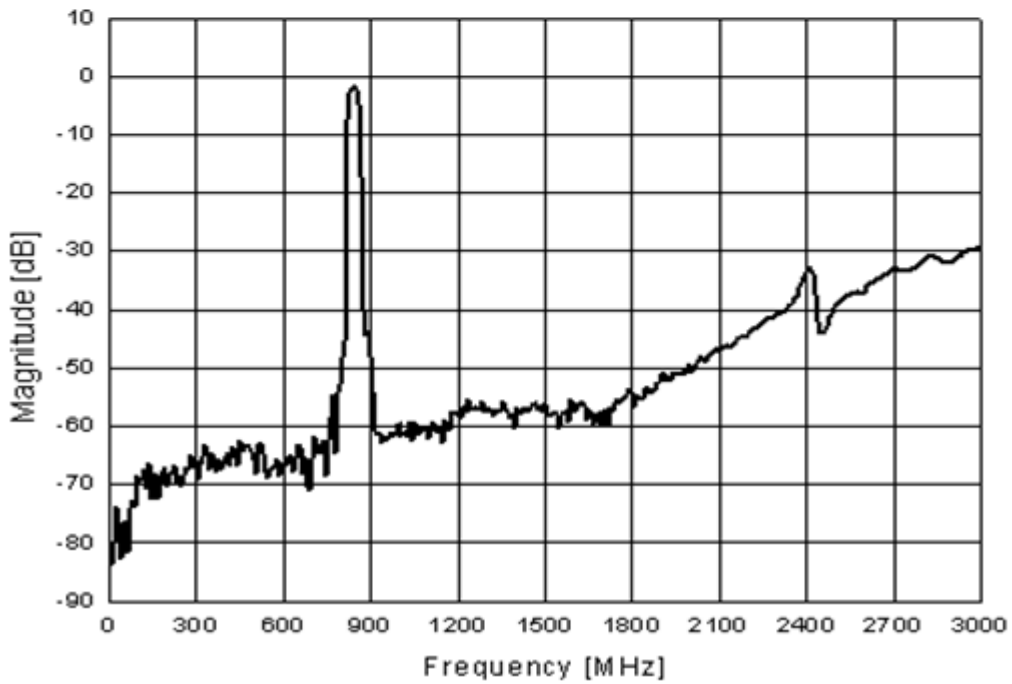
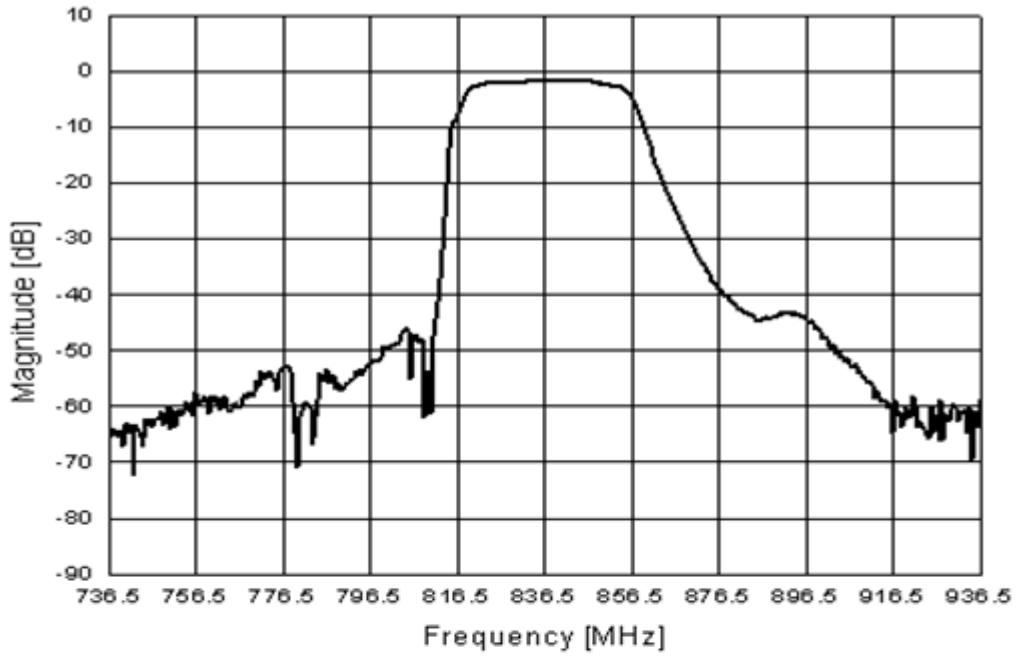
Testing Environment



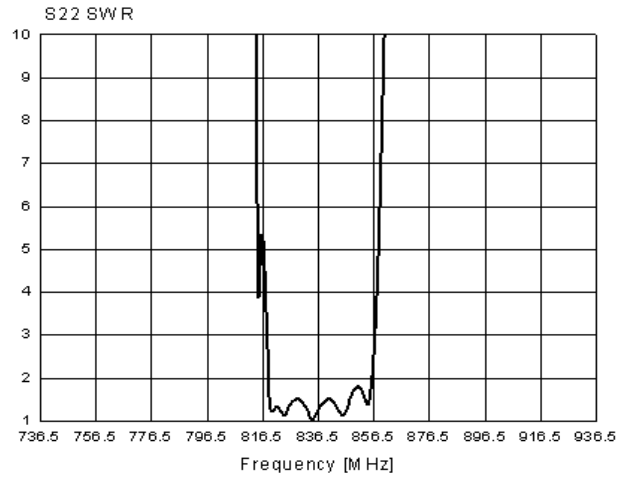
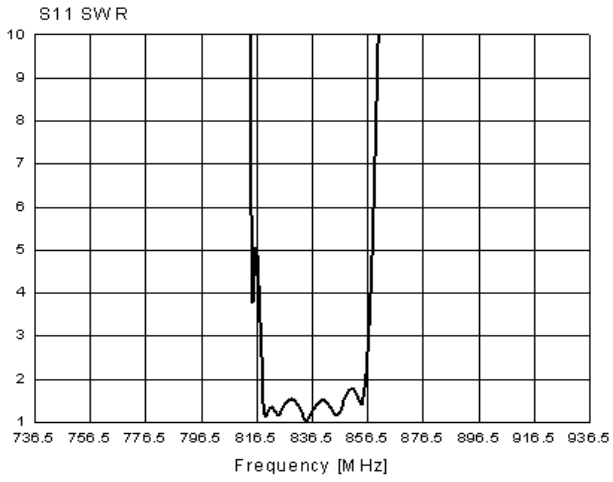
Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response



VSWR



Smith Chart

