



*Total Solution Provider in Saw Device*

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# SA881DL

CDMA , RF-Rx SAW Filter  
Revision 0:



- Electrical Characteristics
  - Package Dimensions
  - Testing Environment
  - Frequency Characteristics
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## □ Electrical Characteristics

### Maximum Ratings

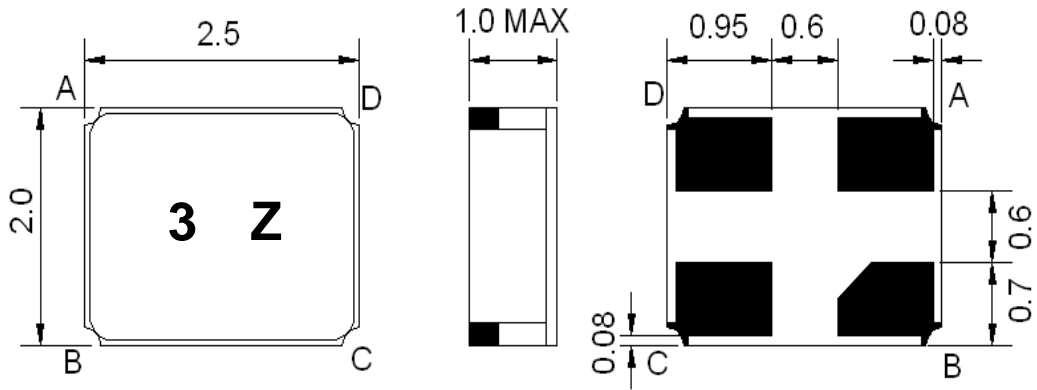
Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	15
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	L			
Length x Width	mm <sup>2</sup>	-	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 <sub>p-p</sub>	-	0.65	1.2
<b>Attenuation:</b>				
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).

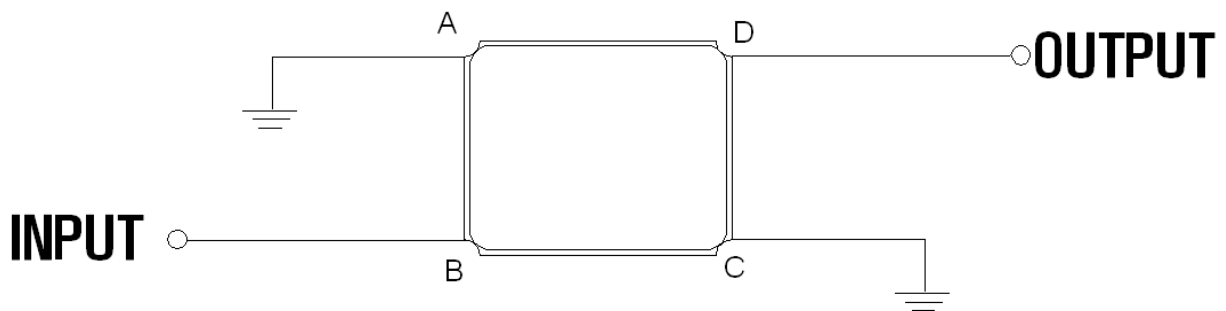
**Package Dimensions**



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

Pin Description	
A, C	Ground
B	In
D	Out

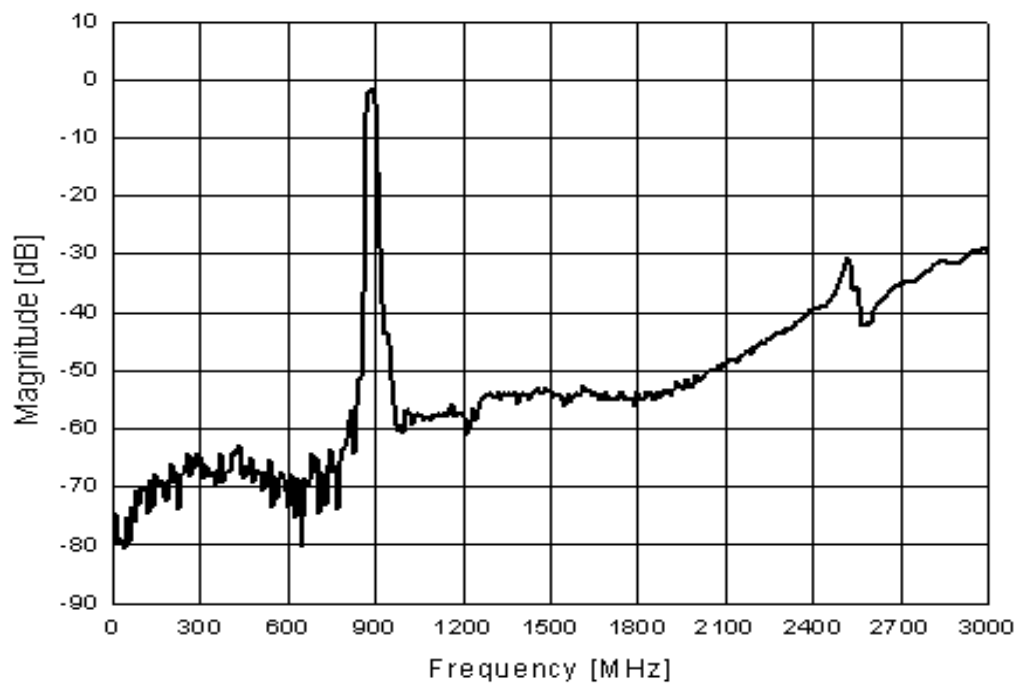
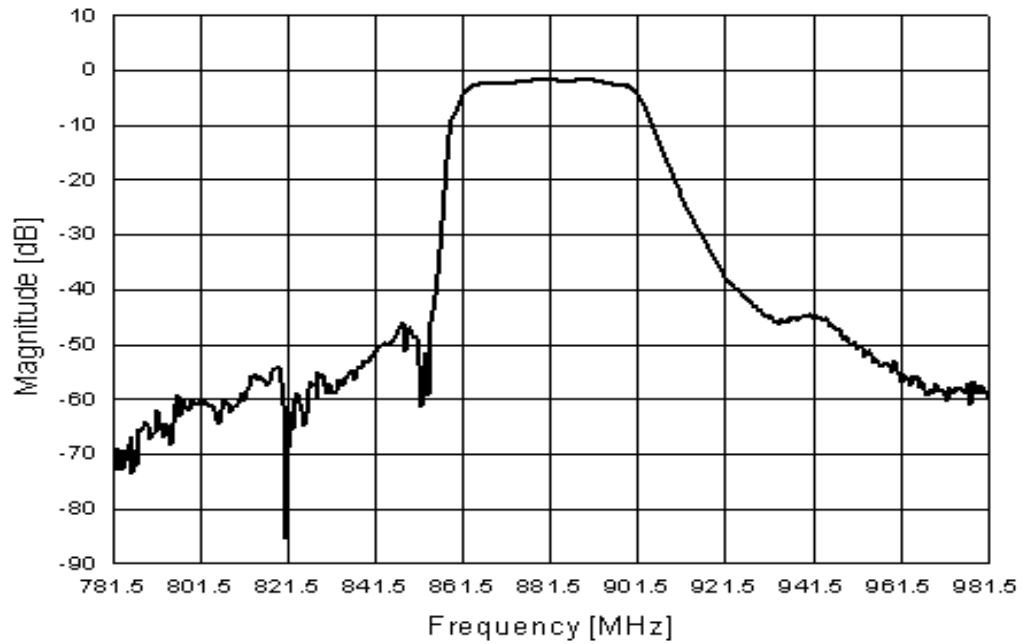
**Testing Environment**



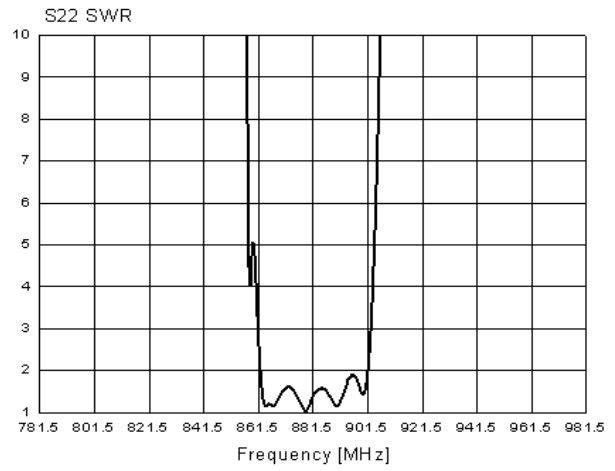
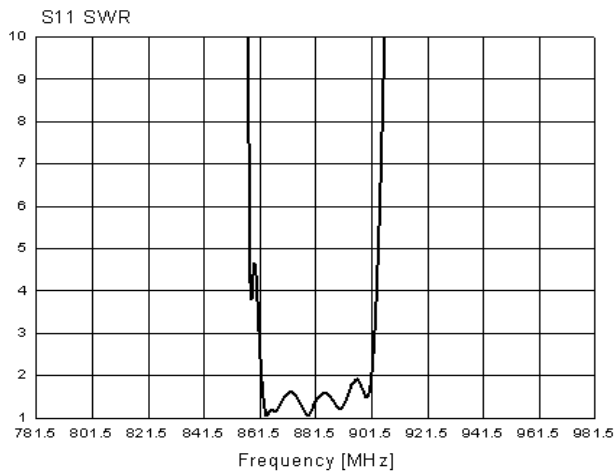
Source & Load Impedance: 50 Ω

**□ Frequency Characteristics**

Frequency Response



**VSWR**



**Smith Chart**

