

To \_\_\_\_\_

No. A229-040403L-01

Date 3rd Apr. '04

Type No.  
**CRAB5**

Data Sheet

<b>CDMA800 Rx SAW Filter</b>	
Application	: Rx Filter for CDMA800
Center Frequency	: 881.5MHz
Size	: 2.0x1.4mm, 5pin-layout
Impedance	: 50-100ohms unbalance-balance
Part No.	: EFCH881MTCA7

Issued M. Takada

Check K. Nishimura

CIRCUIT COMPONENTS BUSINESS UNIT  
**MATSUSHITA ELECTRONIC COMPONENTS CO.,LTD**  
KADOMA, OSAKA, JAPAN

**CDMA Rx SAW Filter**

----- Unbalanced input and balanced output -----

Part No. :

Design No. : T881J1

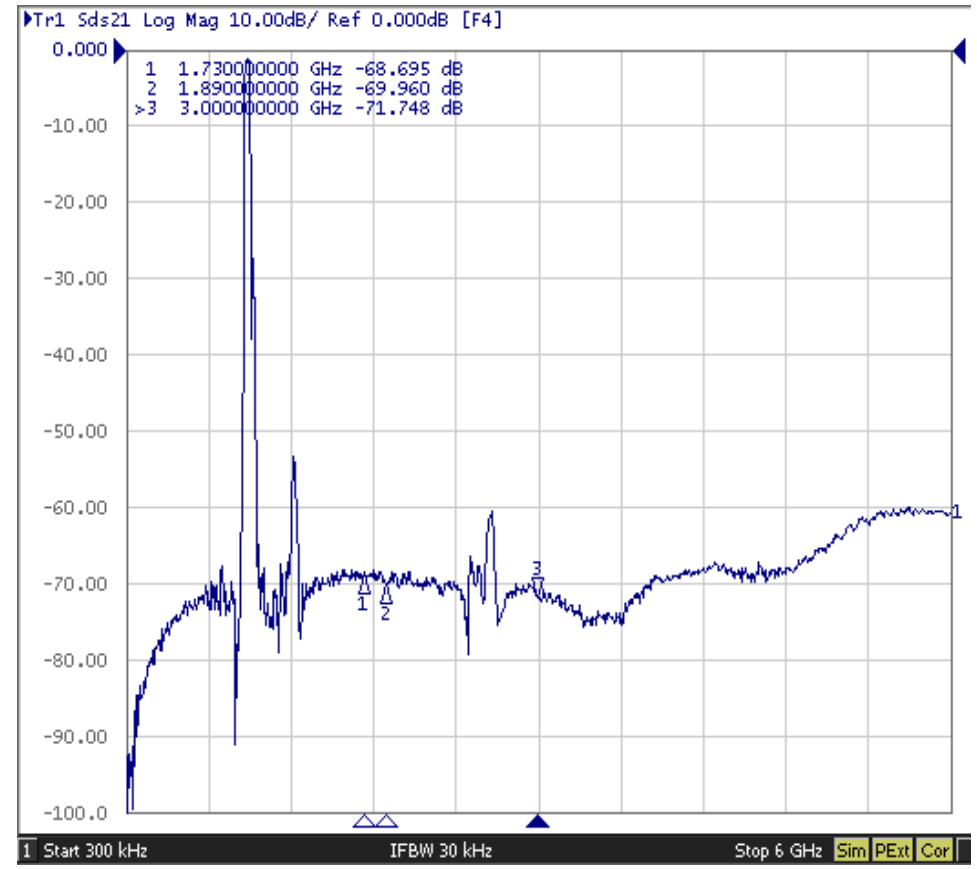
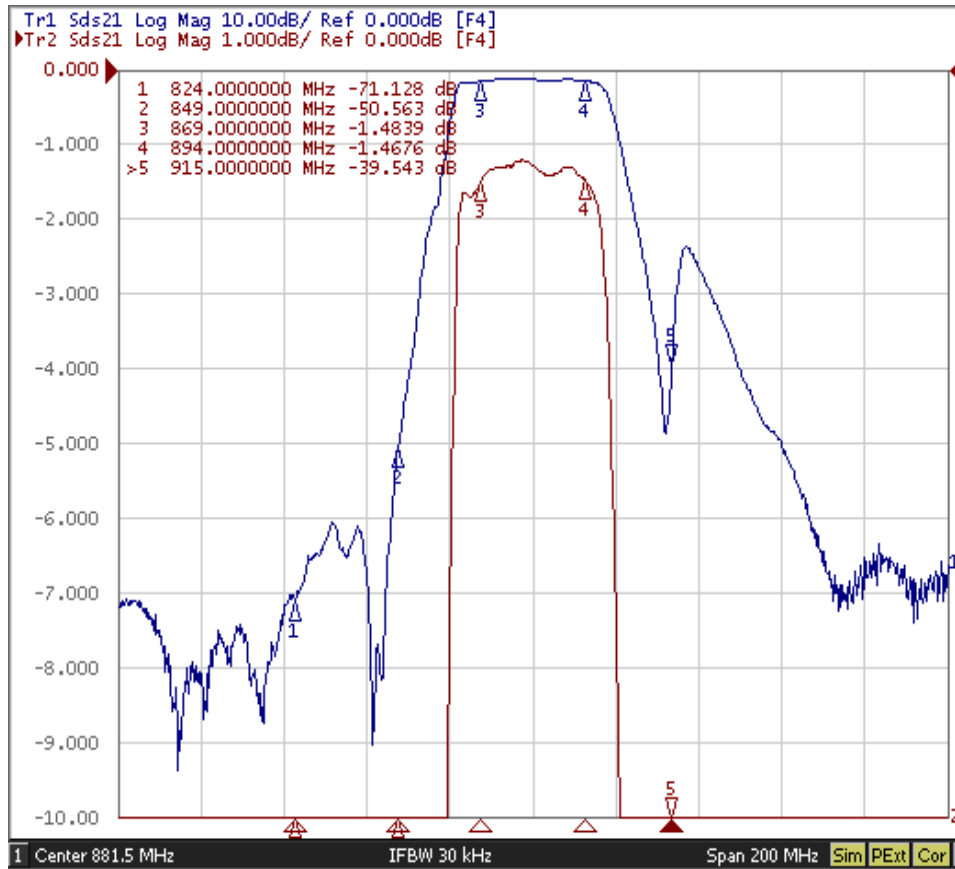
Parameter		Frequency	Your request			Our preliminary spec.			Unit
			Min.	Typ.	Max.	Min.	Typ.	Max.	
Passband			869 ... 894			869 ... 894			MHz
Insertion loss		869 ... 894MHz					1.5	2.0	dB
Ripple in passband		869 ... 894MHz					0.4	1.0	dB
Amplitude imbalance		869 ... 894MHz				-1.0	-0.2 +0.4	+1.0	dB
Phase imbalance		869 ... 894MHz				-10	-1.0 +5.0	10	deg.
Attenuation	Att1	DC ... 824MHz				50	68		dB
	Att2	824 ... 849MHz				40	50		dB
	Att3	915 ... 1000MHz				20	23		dB
	Att4	1000 ... 1738MHz				40	52		dB
	Att5	1738 ... 6000MHz				50	60		dB
VSWR	Input	869 ... 894MHz					1.6	2.0	
	Output	869 ... 894MHz					1.6	2.0	
Input impedance (Single Ended)						50			Ohm
Output impedance (Differential)						100			Ohm
Maximum drive level								13	dBm
Operating temperature						-30		+85	deg. C
Storage temperature						-40		+85	deg. C

## CDMA Rx SAW Filter

----- Unbalanced input and balanced output -----

Part No. :

Design No. : T881J1

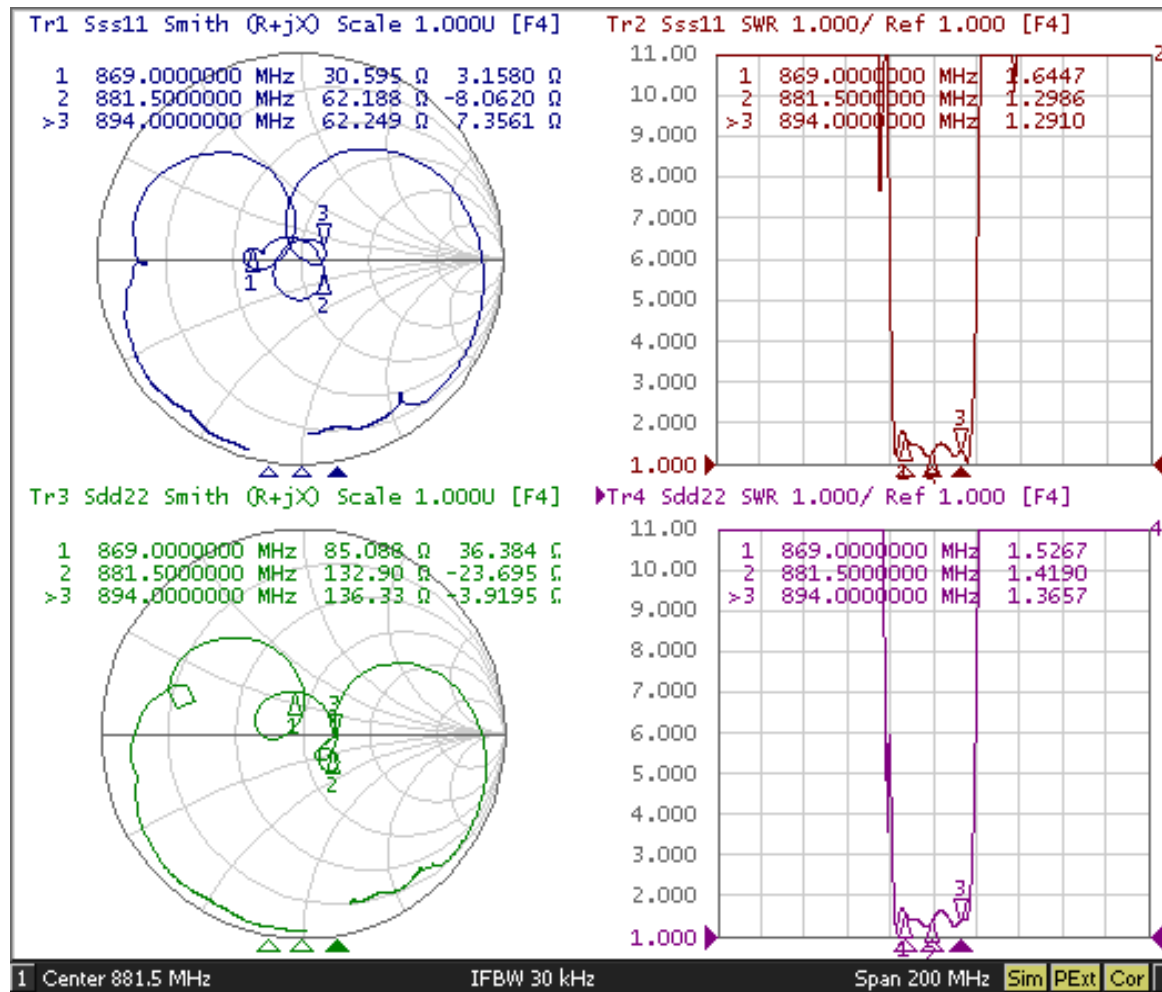


## CDMA Rx SAW Filter

----- Unbalanced input and balanced output -----

Part No. :

Design No. : T881J1

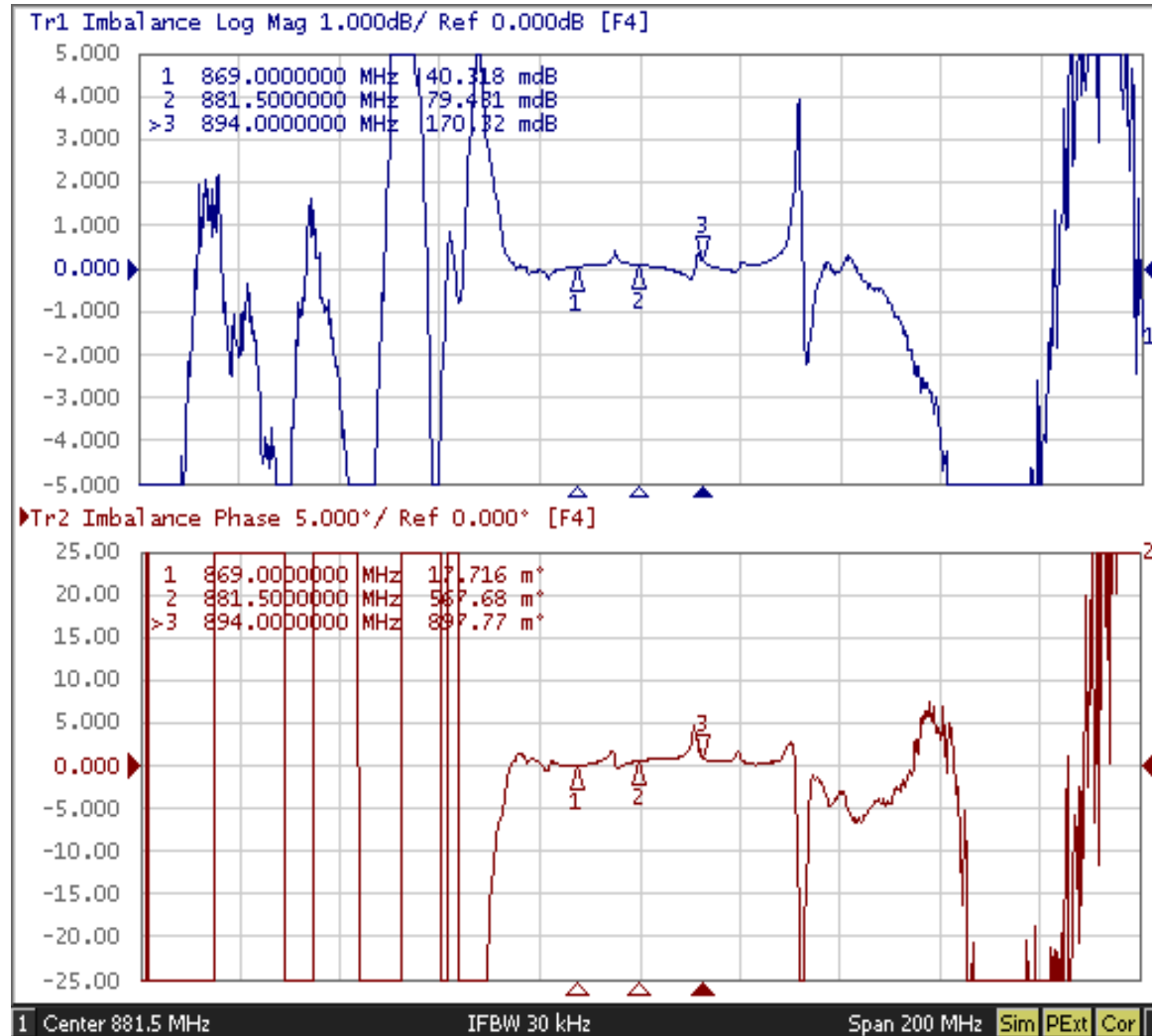


### CDMA Rx SAW Filter

----- Unbalanced input and balanced output -----

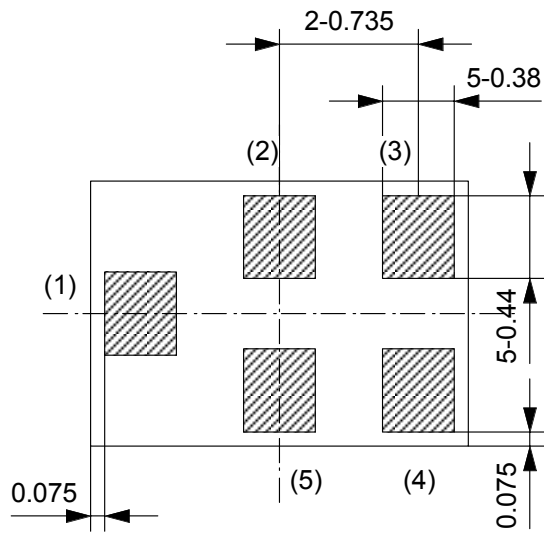
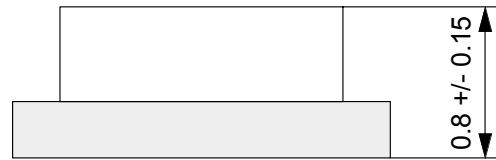
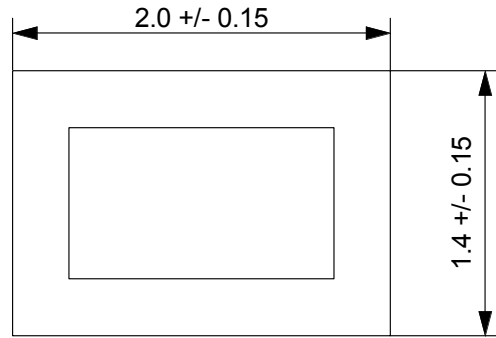
Part No. :

Design No. : T881J1



THIRD ANGLE PROJECTION

Tolerance : +/-0.05



- (1) Input
- (2) GND
- (3) Output
- (4) Output
- (5) GND

**Note :**  
The design manufacturing process,  
and Specification of this device  
are subject to change without  
notice.

UNLESS OTHERWISE SPECIFIED

BASIC DIMENSIONS		TOLERANCE
UP TO	INCL	
TO	INCL	
TO	INCL	
TO	INCL	
ABOVE		

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ISSUE	REVISIONS	DATE
MATERIAL	FINISH	SCALE
DESIGN		
DRAW		
CHECK		
APPROVAL		
DRAWING NO.		

NAME	TYPE NO.
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**SAW Filter**

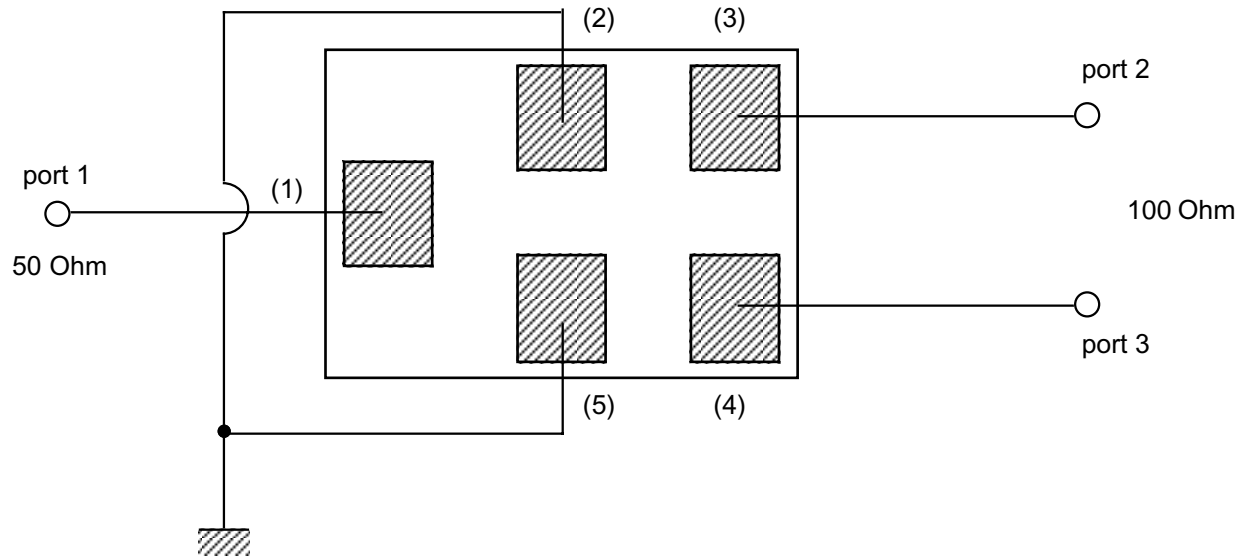
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DO NOT SCALE DRAWING

REVISIONS INDICATED BY Δ

ALL DIMENSIONS ARE IN MILLIMETERS

# Measurement Circuit



Input impedance : 50 Ohm ( Single ended )  
 Output impedance : 100 Ohm ( Differential )

UNLESS OTHERWISE SPECIFIED		
BASIC DIMENSIONS		TOLERANCE
UP TO	INCL	
TO	INCL	
TO	INCL	
TO	INCL	
ABOVE		

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NAME SAW Filter	TYPE NO.
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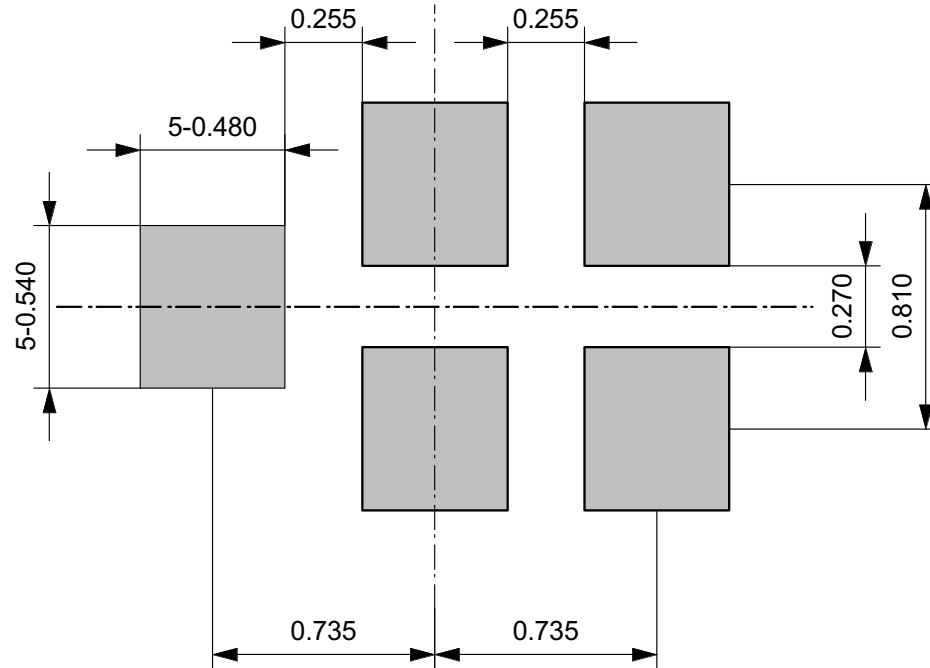
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Fig. 2

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED		
BASIC DIMENSIONS		TOLERANCE
UP TO	INCL	
TO	INCL	
TO	INCL	
TO	INCL	
ABOVE		

**Recommended land pattern**



**Note :**  
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单击下面可查看定价，库存，交付和生命周期等信息

[>>Panasonic\(松下\)](#)