

To \_\_\_\_\_

No. A768-040403N-01

Date 3rd Apr. '04

Type No.  
**CTDA1**

Data Sheet

<b>CDMA800/GSM850 Tx SAW Filter</b>	
Application	: Tx Filter for CDMA800/GSM850
Center Frequency	: 836.5MHz
Size	: 2.0x1.4mm, 5pin-layout
Impedance	: 50-50ohms unbalance-unbalance
Part No.	: EFCH836MTCD1

Issued S. Tsuzuki

Check K. Nishimura

CIRCUIT COMPONENTS BUSINESS UNIT

**MATSUSHITA ELECTRONIC COMPONENTS CO.,LTD**

KADOMA, OSAKA, JAPAN

**CDMA800/GSM850 Tx SAW Filter**

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

Part No. :

Design No. : T836PD1

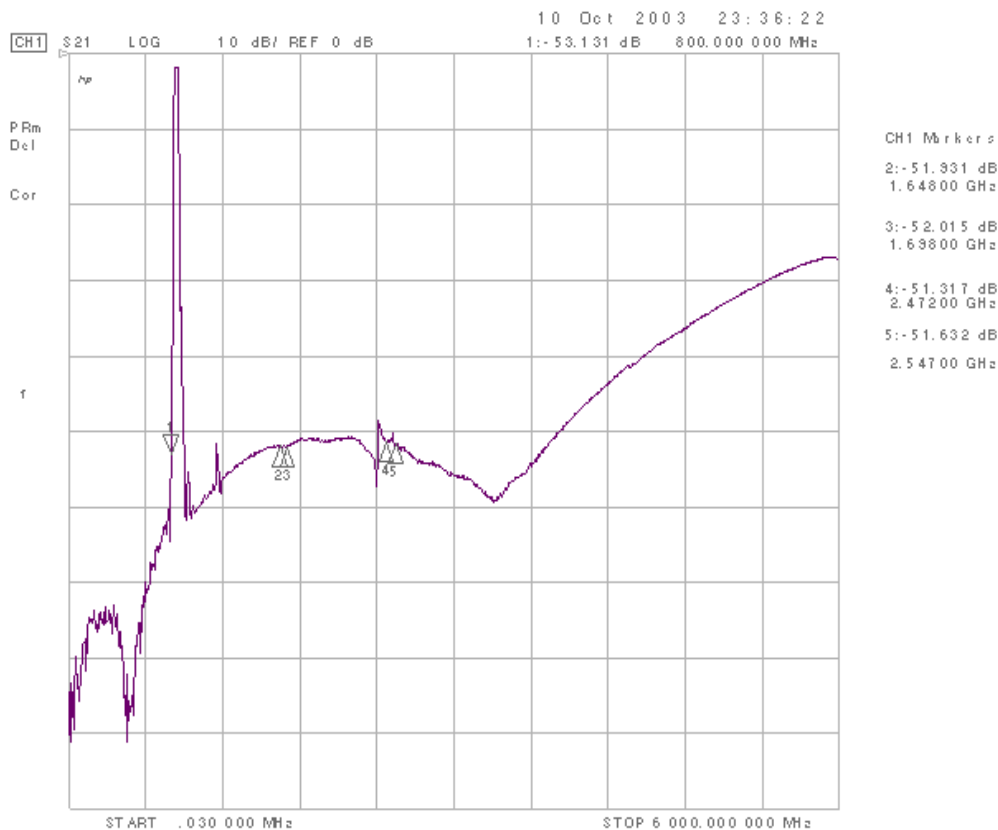
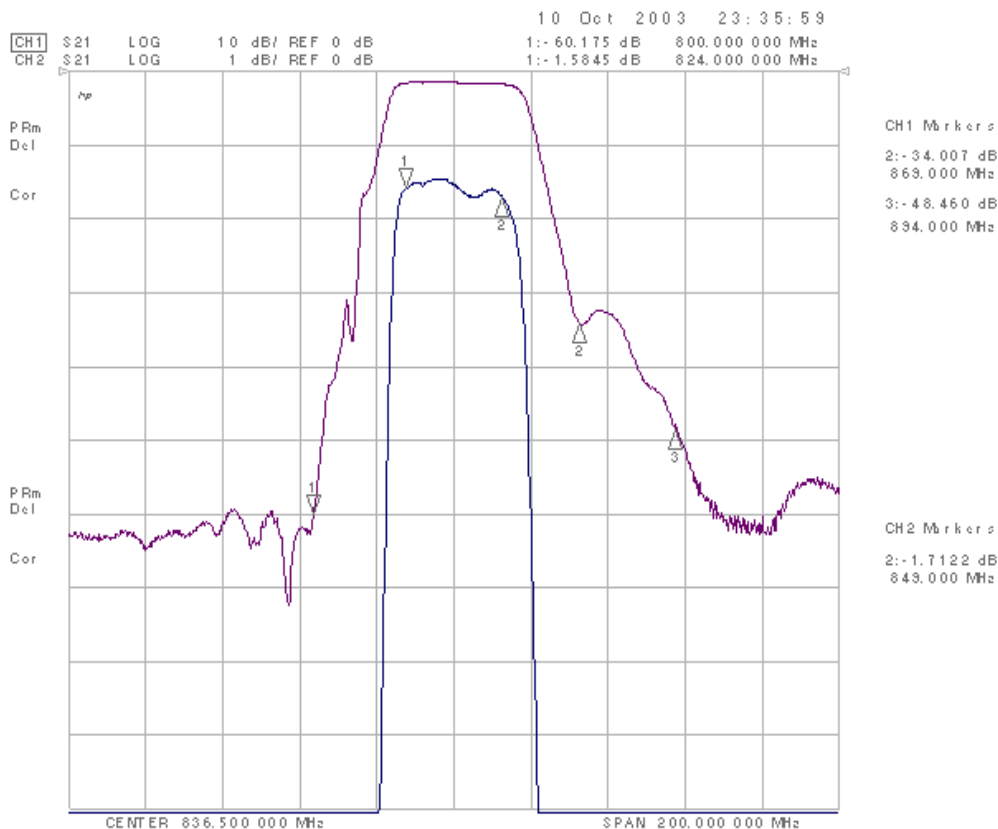
Parameter	Frequency	Your request			Our preliminary spec.			Unit
		Min.	Typ.	Max.	Min.	Typ.	Max.	
Passband		824 ... 849			824 ... 849			MHz
Insertion loss	824 ... 849MHz					1.7	2.3	dB
Ripple in passband	824 ... 849MHz					0.3	1.2	dB
Attenuation	Att1	DC ... 800MHz				40	58	dB
	Att2	869 ... 894MHz				27	32	dB
	Att3	1648 ... 1698MHz				35	52	dB
	Att4	2472 ... 2547MHz				30	50	dB
VSWR	Input	824 ... 849MHz				1.6	2.0	
	Output	824 ... 849MHz				1.6	2.0	
Input impedance					50			Ohm
Output impedance					50			Ohm
Maximum drive level							10	dBm
Operating temperature					-30		+85	deg. C
Storage temperature					-40		+85	deg. C

# CDMA800/GSM850 Tx SAW Filter

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

Part No. :

Design No. : T836PD1

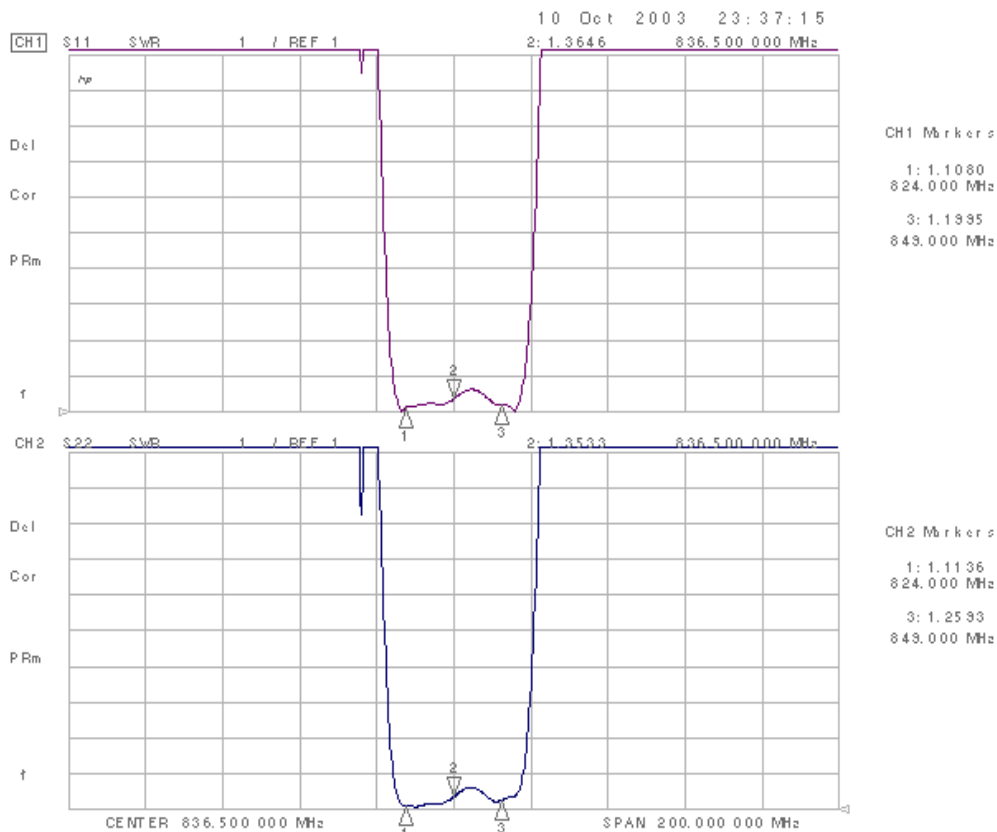
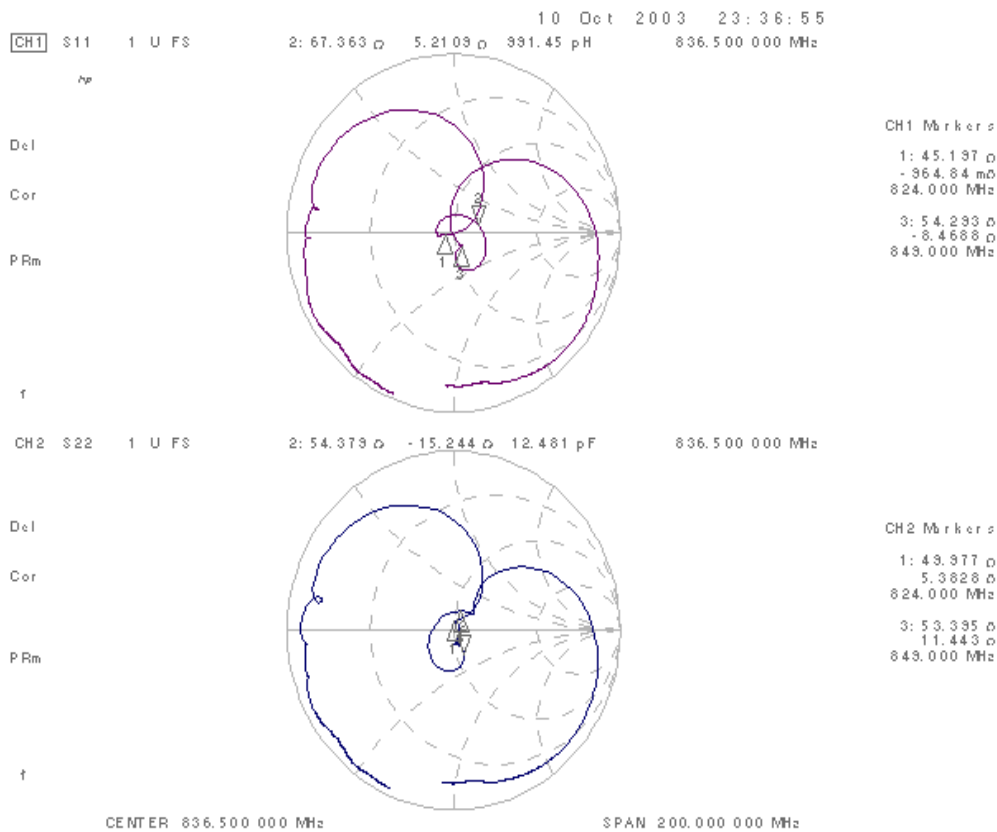


# CDMA800/GSM850 Tx SAW Filter

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

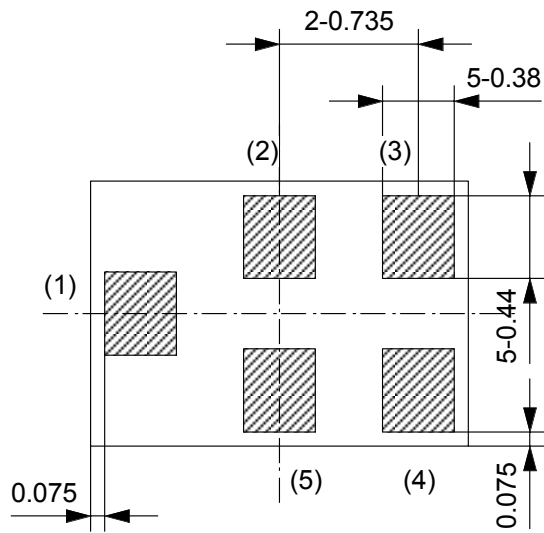
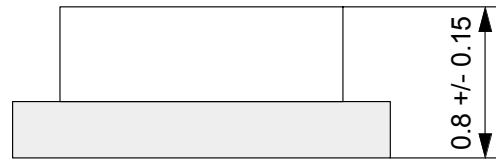
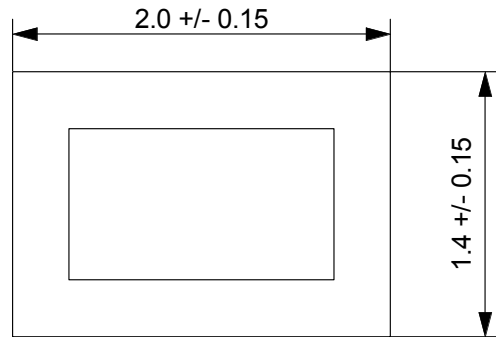
Part No. :

Design No. : T836PD1



THIRD ANGLE PROJECTION

Tolerance : +/-0.05



- (1) Input
- (2) GND
- (3) GND
- (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		

--	--	--

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

NAME	TYPE NO.
SAW Filter	

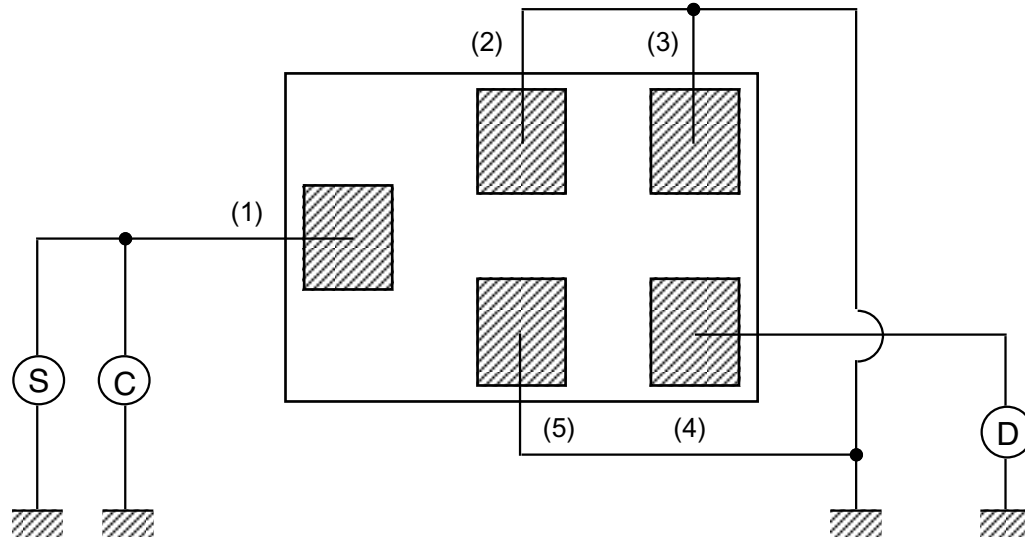
**CERAMIC BUSINESS UNIT, LCR DEVICE COMPANY  
MATSUSHITA ELECTRONIC COMPONENTS CO.,LTD.  
KADOMA, OSAKA, JAPAN**

DO NOT SCALE DRAWING

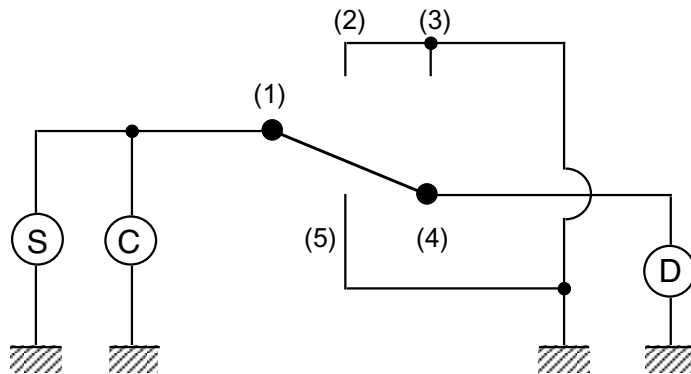
REVISIONS INDICATED BY Δ

ALL DIMENSIONS ARE IN MILLIMETERS

# Measurement Circuit



## 0 Level



S : Standard Signal Generator  
(Output Impedance 50ohm)  
C : Frequency Counter  
D : Detector  
(Input Impedance 50ohm)

Fig. 2

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

--	--	--

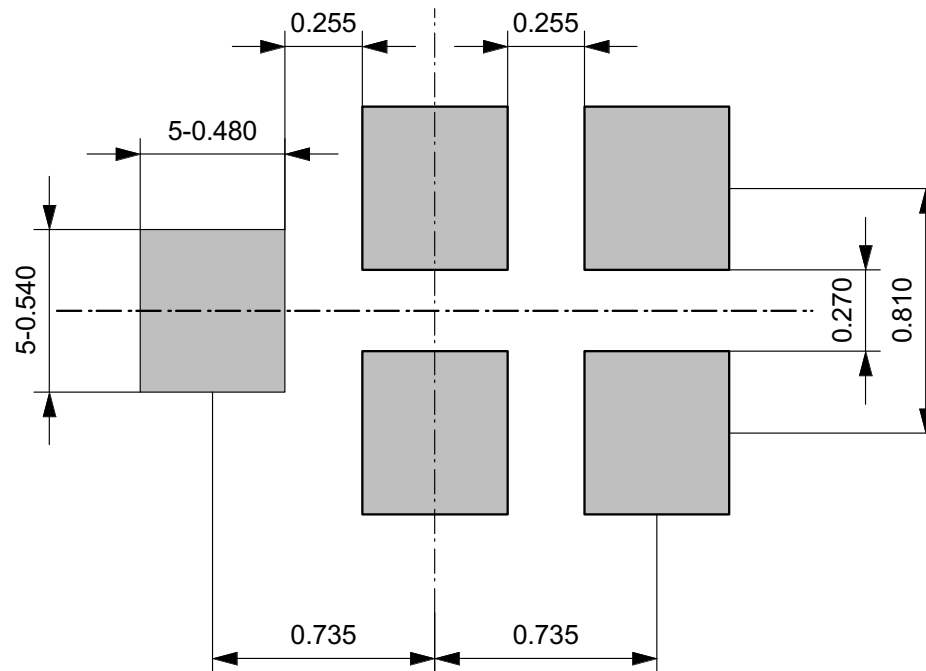
ISSUE	REVISIONS	DATE
MATERIAL	FINISH	SCALE
DESIGN		
DRAW		
CHECK		
APPROVAL		
DRAWING NO.		

NAME	TYPE NO.
SAW Filter	

**CERAMIC BUSINESS UNIT, LCR DEVICE COMPANY  
MATSUSHITA ELECTRONIC COMPONENTS CO.,LTD.  
KADOMA, OSAKA, JAPAN**

THIRD ANGLE PROJECTION

**Recommended land pattern**



**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		

--	--	--

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

NAME  
**SAW Filter**

**CERAMIC BUSINESS UNIT, LCR DEVICE COMPANY  
 MATSUSHITA ELECTRONIC COMPONENTS CO.,LTD.  
 KADOMA, OSAKA, JAPAN**

DO NOT SCALE DRAWING

REVISIONS INDICATED BY Δ

ALL DIMENSIONS ARE IN MILLIMETERS

单击下面可查看定价，库存，交付和生命周期等信息

[>>Panasonic\(松下\)](#)