

To _____

No. A768-040403N-01

Date 3rd Apr. '04

Type No.
CTDA1

Data Sheet

CDMA800/GSM850 Tx SAW Filter	
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

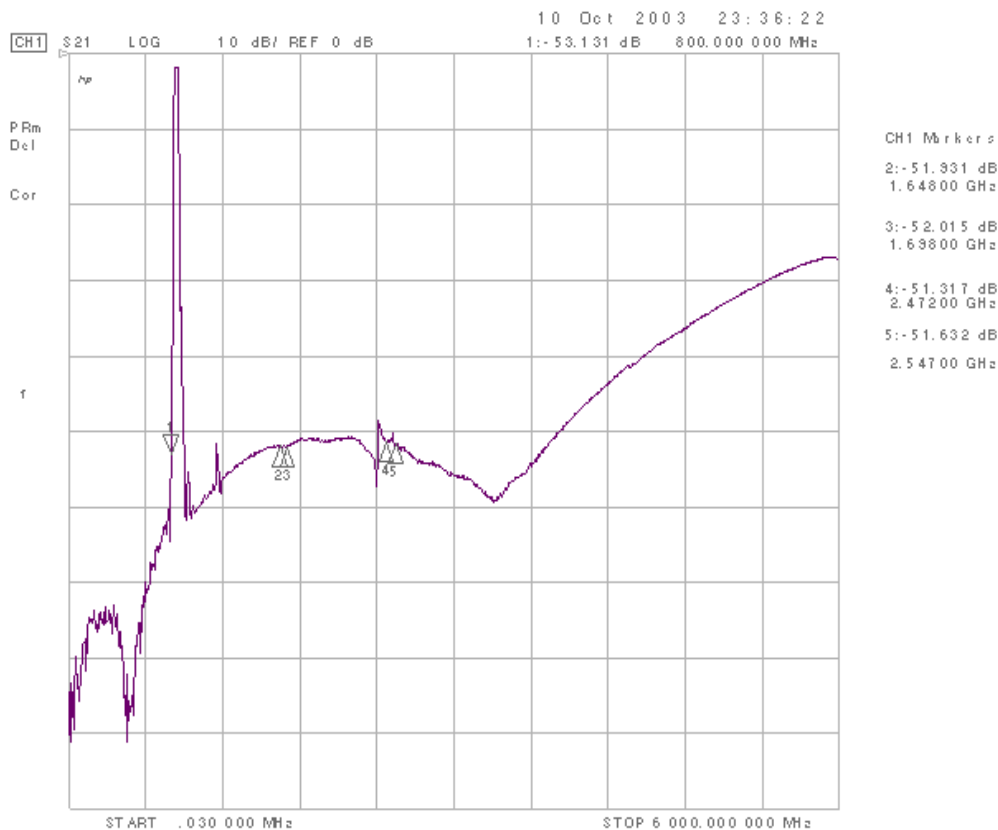
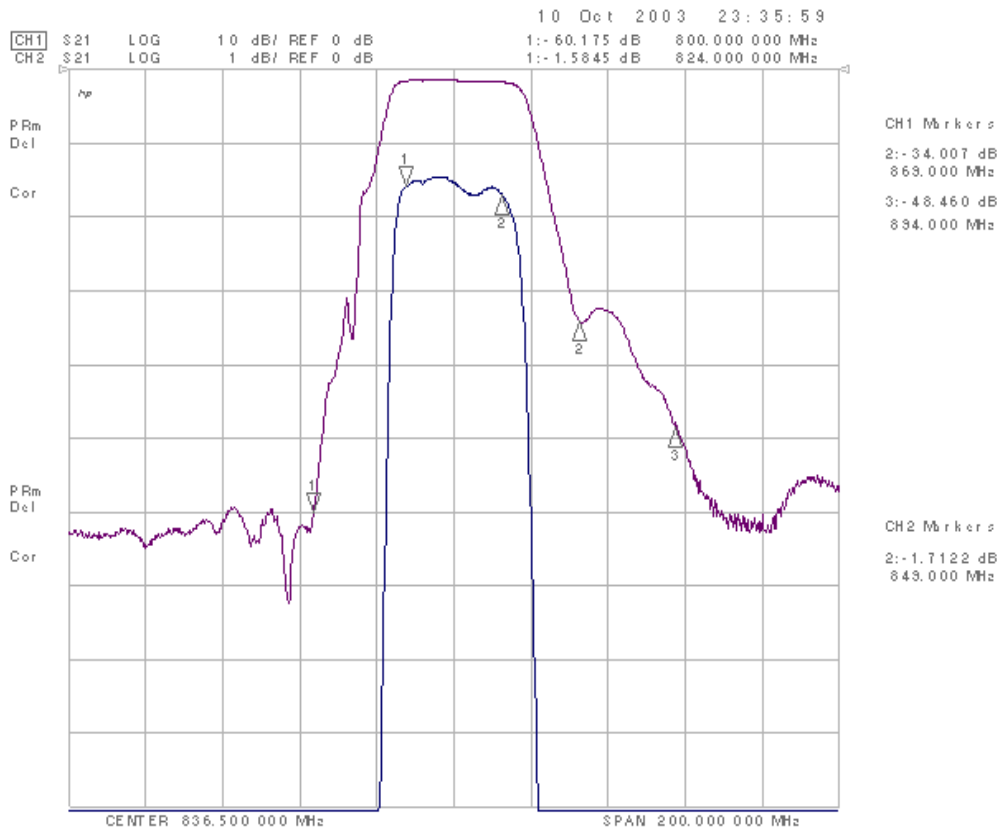
Parameter	Frequency	Your request			Our preliminary spec.			Unit
		Min.	Typ.	Max.	Min.	Typ.	Max.	
Passband		824 ... 849			824 ... 849			MHz
Insertion loss	824 ... 849MHz					1.7	2.3	dB
Ripple in passband	824 ... 849MHz					0.3	1.2	dB
Attenuation	Att1	DC ... 800MHz				40	58	dB
	Att2	869 ... 894MHz				27	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 -----

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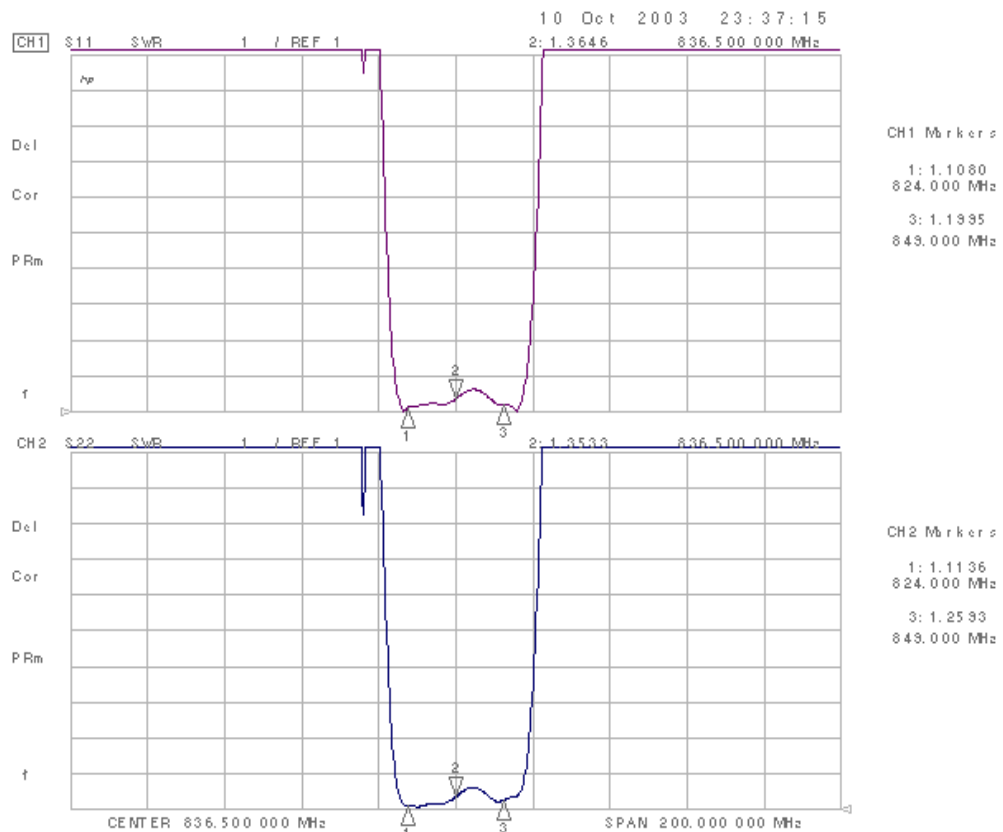
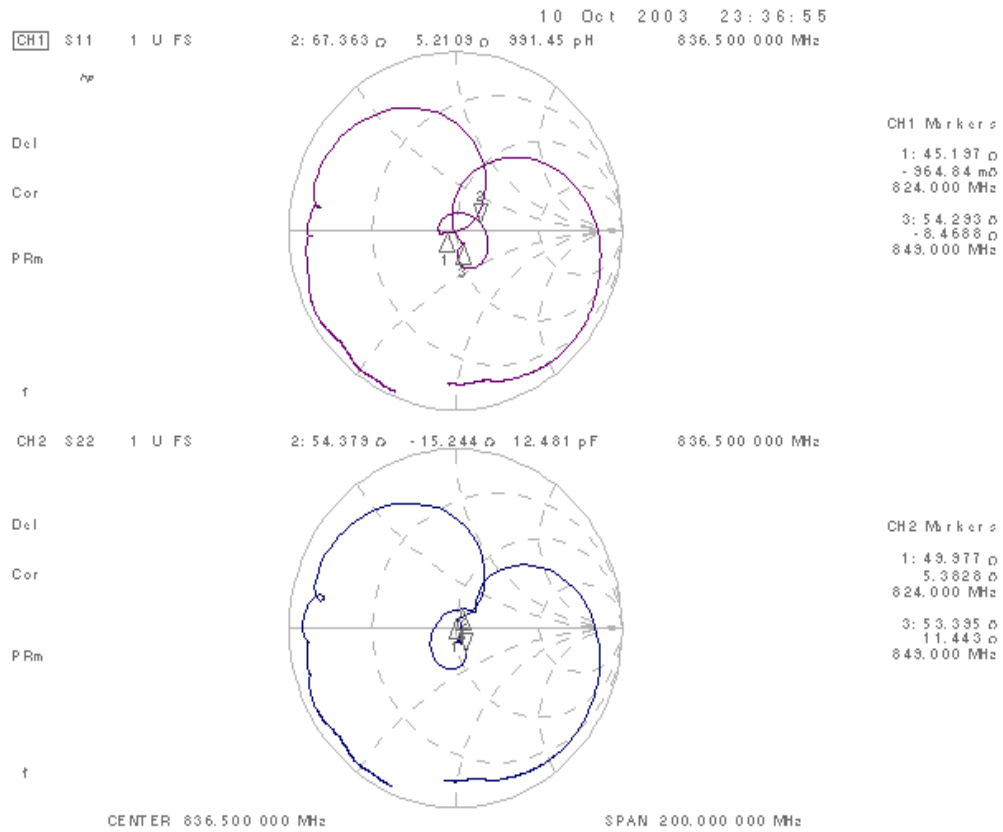


CDMA800/GSM850 Tx SAW Filter

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

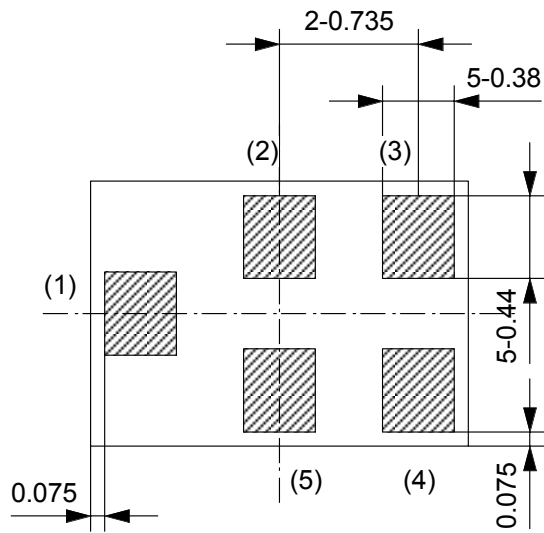
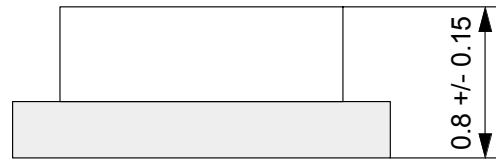
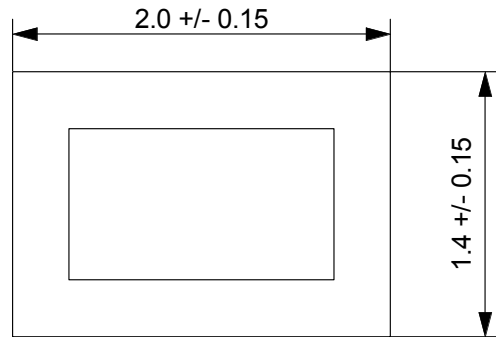
Part No. :

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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		

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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
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

