

To _____

No. ZCDM-040403M-01

Date 3rd Apr. '04

Type No.
CRDA1

Data Sheet

GSM850/CDMA800 Rx SAW Filter	
Application	: Rx Filter for GSM850/CDMA800
Center Frequency	: 881.5MHz
Size	: 2.0x1.4mm, 5pin-layout
Impedance	: 50-50ohms unbalance-unbalance
Part No.	: EFCH881MTCD1

Issued *A. Tsunekawa*
Check *K. Nishimura*

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

GSM850/CDMA800 Rx SAW Filter

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

Part No. :

Design No. : T881A22

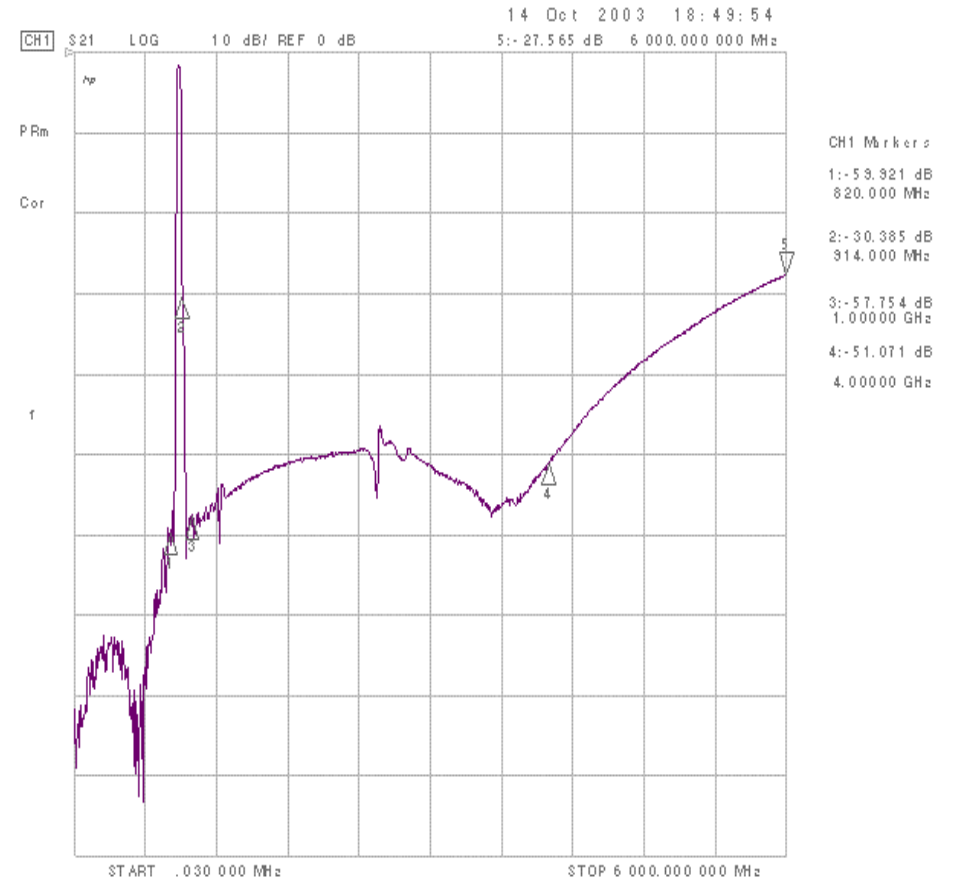
Parameter	Frequency	Your request			Our Specification			Unit
		Min.	Typ.	Max.	Min.	Typ.	Max.	
Passband		869 ... 894			869 ... 894			MHz
Insertion loss	869 ... 894MHz					1.6	2.0	dB
Ripple in passband	869 ... 894MHz					0.4	1.0	dB
Attenuation	Att1	DC ... 820MHz				45	58	dB
	Att2	820 ... 849MHz				35	40	dB
	Att3	914 ... 1000MHz				26	30	dB
	Att4	1000 ... 4000MHz				35	46	dB
	Att5	4000 ... 6000MHz				15	27	dB
VSWR	Input	869 ... 894MHz				1.6	2.0	
	Output	869 ... 894MHz				1.6	2.0	
Input impedance (Single Ended)					50			Ohm
Output impedance(Single Ended)					50			Ohm
Maximum drive level							15	dBm
Maximum DC voltage							5	V
ESD							50	V
Operating temperature					-30		+85	deg. C
Storage temperature					-40		+85	deg. C

GSM850/CDMA800 Rx SAW Filter

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Part No. :

Design No. : T881A22

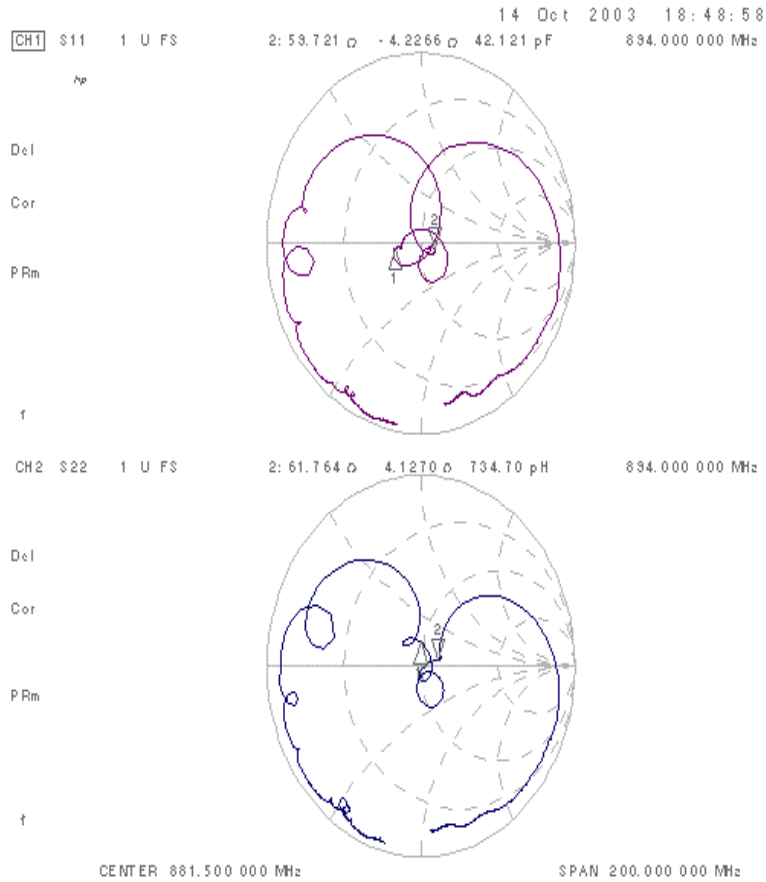


GSM850/CDMA800 Rx SAW Filter

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Part No. :

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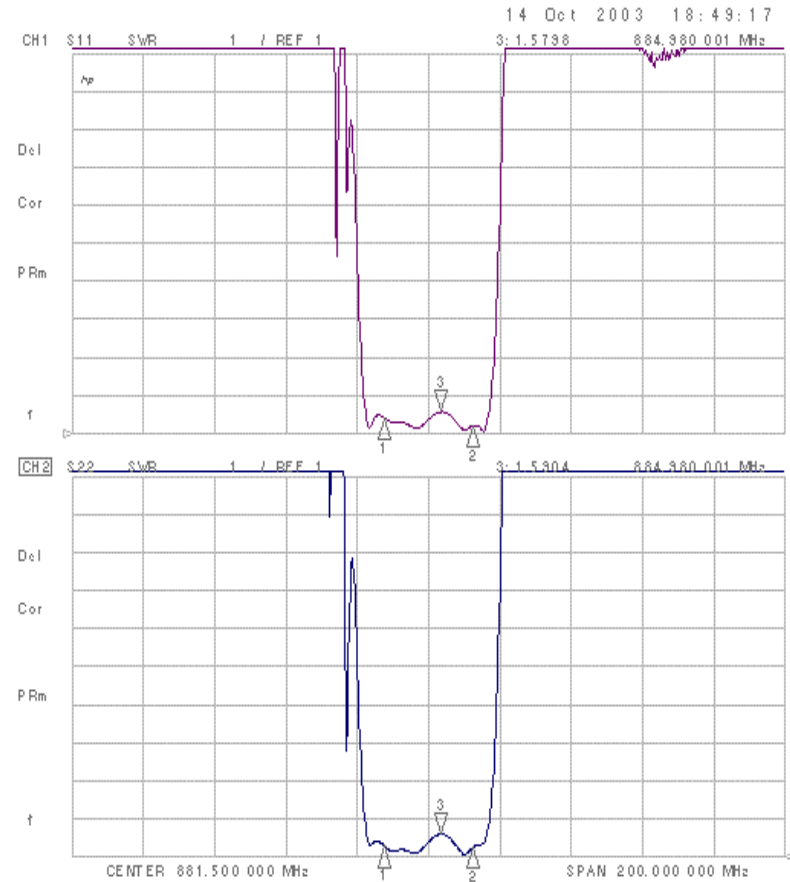


CH1 Markers

- 1: 35.510 dB
- 2: -2.1055 dB
- 863.000 MHz

CH2 Markers

- 1: 48.145 dB
- 2: 12.295 dB
- 863.000 MHz



CH1 Markers

- 1: 1.4136
- 863.000 MHz
- 2: 1.2142
- 894.000 MHz

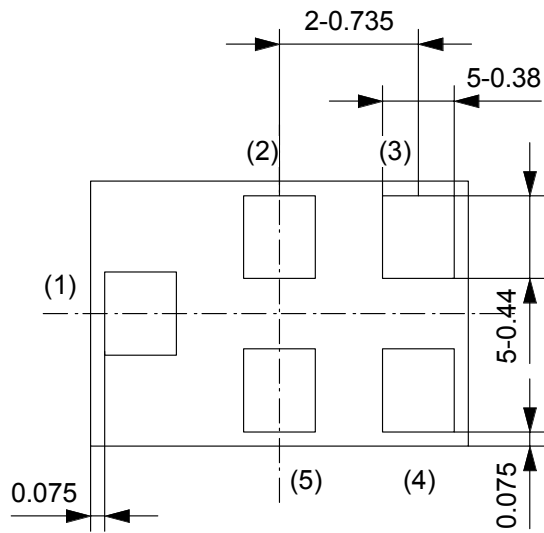
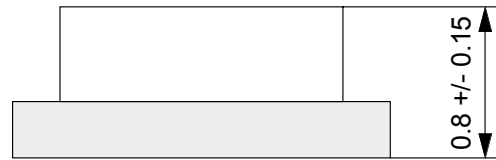
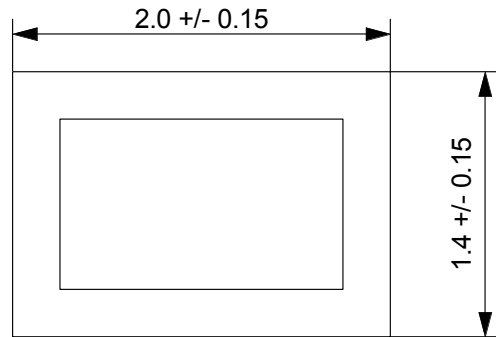
CH2 Markers

- 1: 1.2874
- 863.000 MHz
- 2: 1.2511
- 894.000 MHz

THIRD ANGLE PROJECTION

Tolerance : +/-0.05

Under Development



- (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.
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

