Panasonic

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

2003.10.14

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

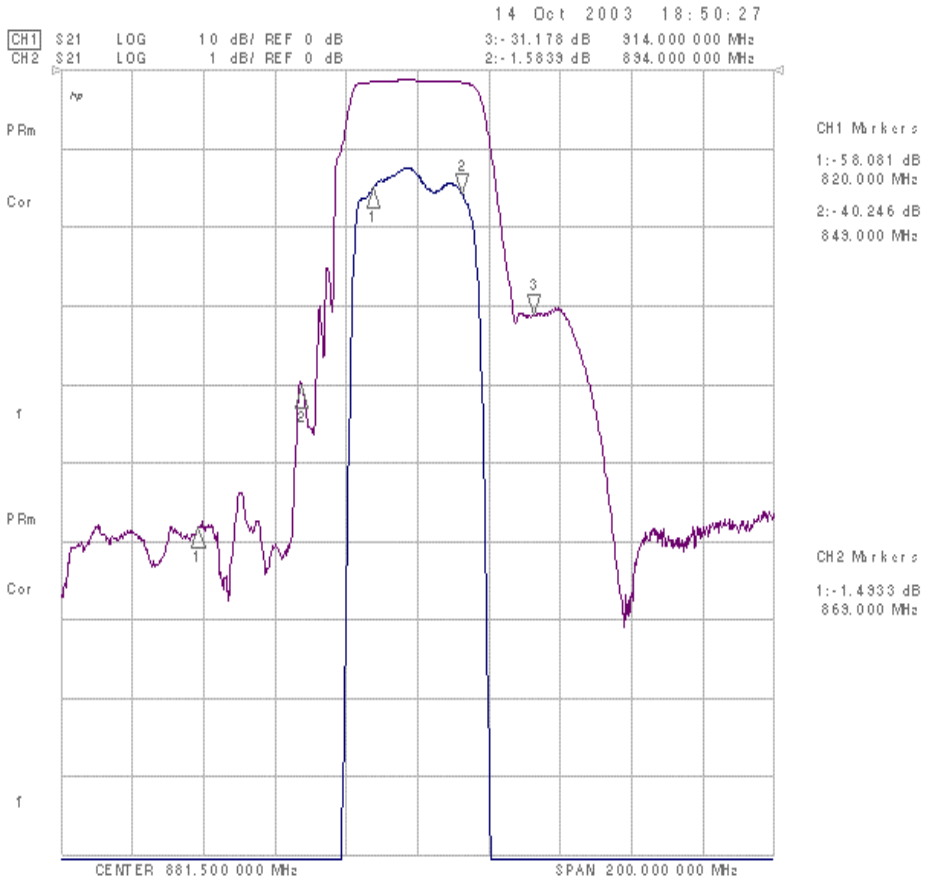
2003.10.14

GSM850/CDMA800 Rx SAW Filter

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

Part No. :

Design No. : T881A22



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GSM850/CDMA800 Rx SAW Filter

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

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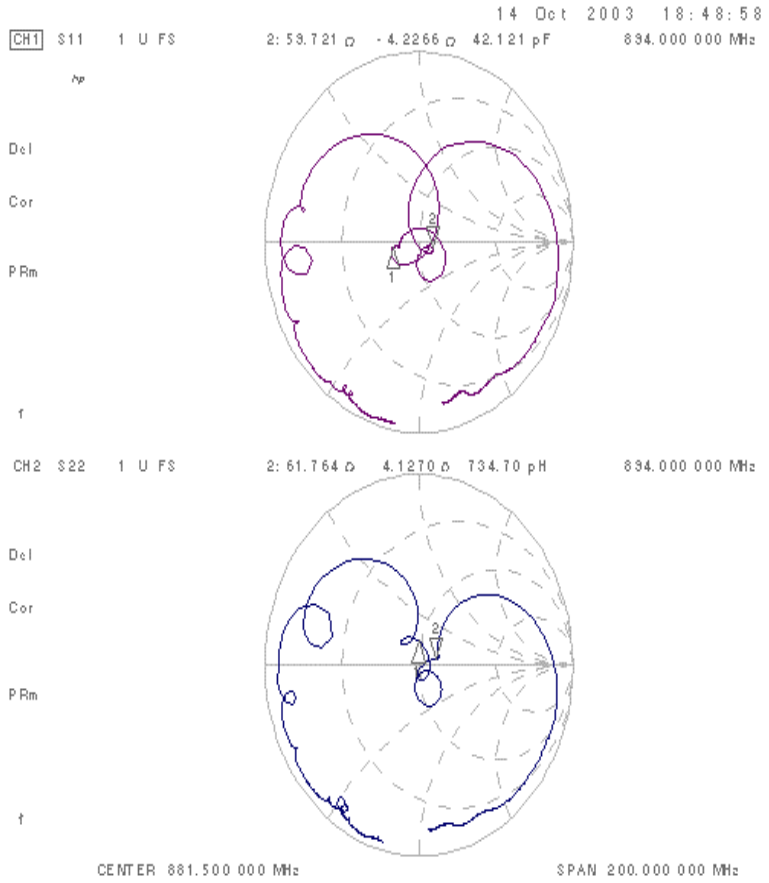

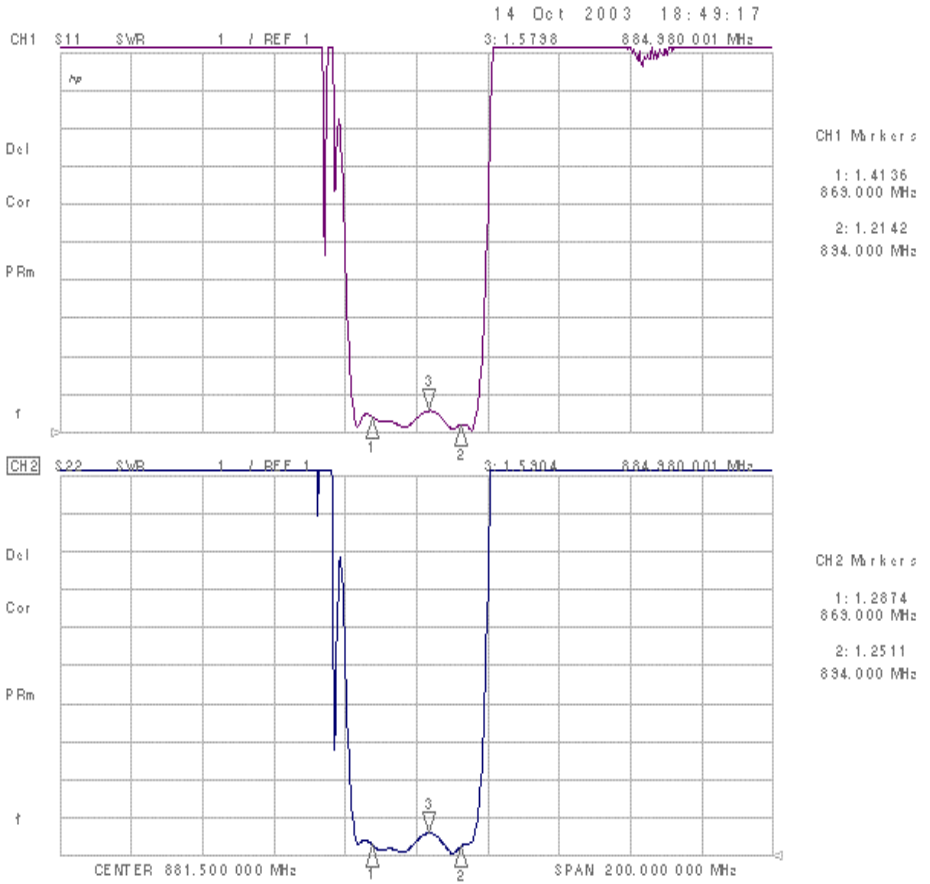

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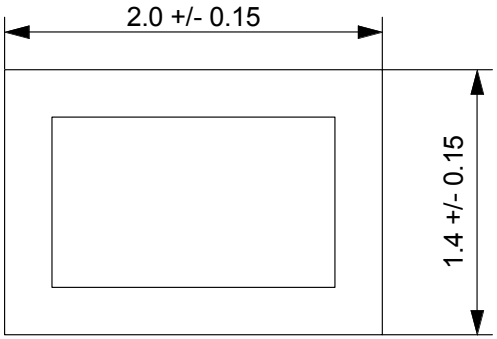
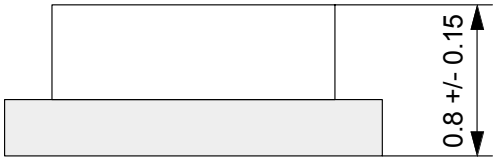
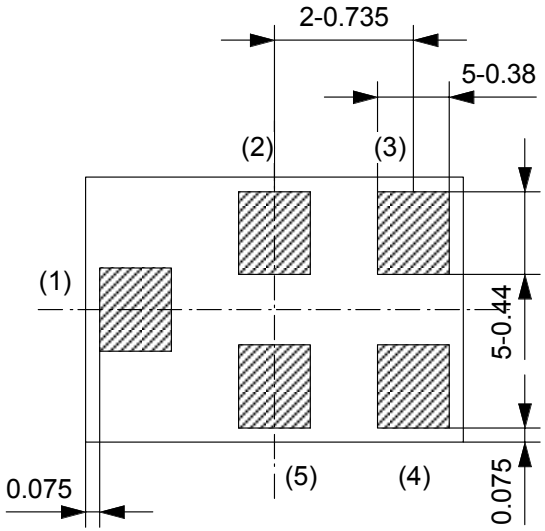
THIRD ANGLE PROJECTION

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.

DO NOT SCALE DRAWING REVISIONS INDICATED BY Δ ALL DIMENSIONS ARE IN MILLIMETERS

Under Development

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
SAW Filter

TYPE NO.

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

THIRD ANGLE PROJECTION

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TO INCL	
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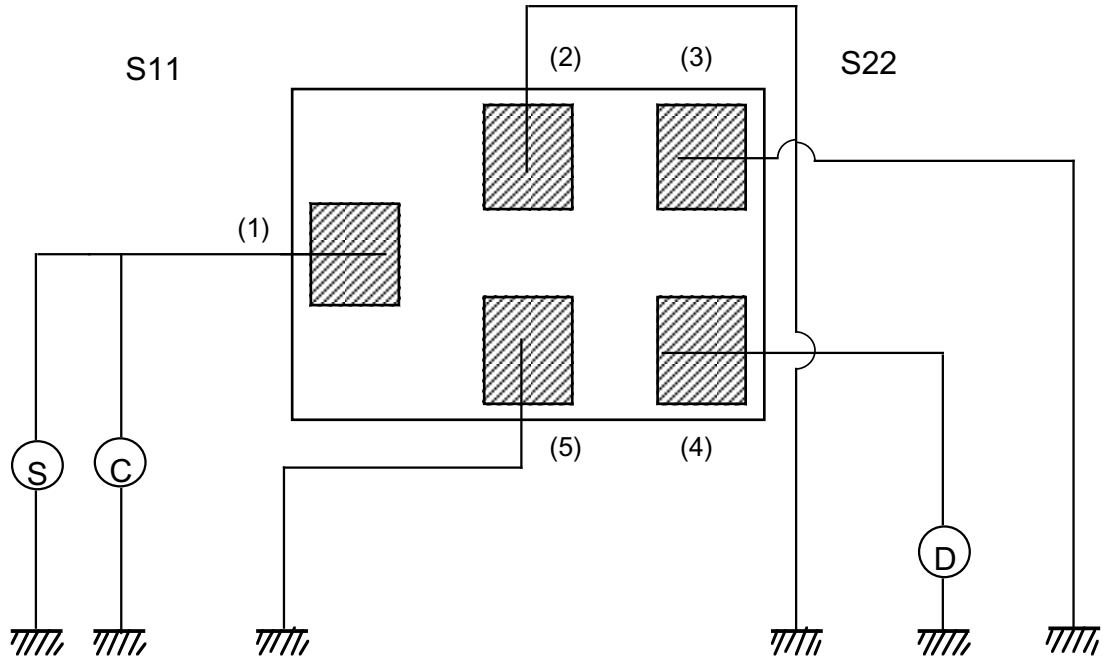
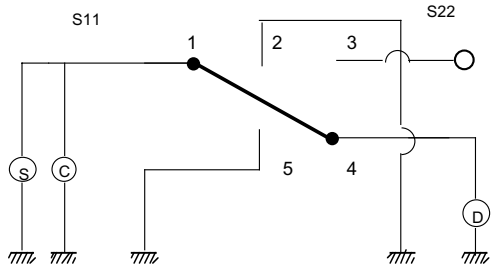


0 Level



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

Fig. 2

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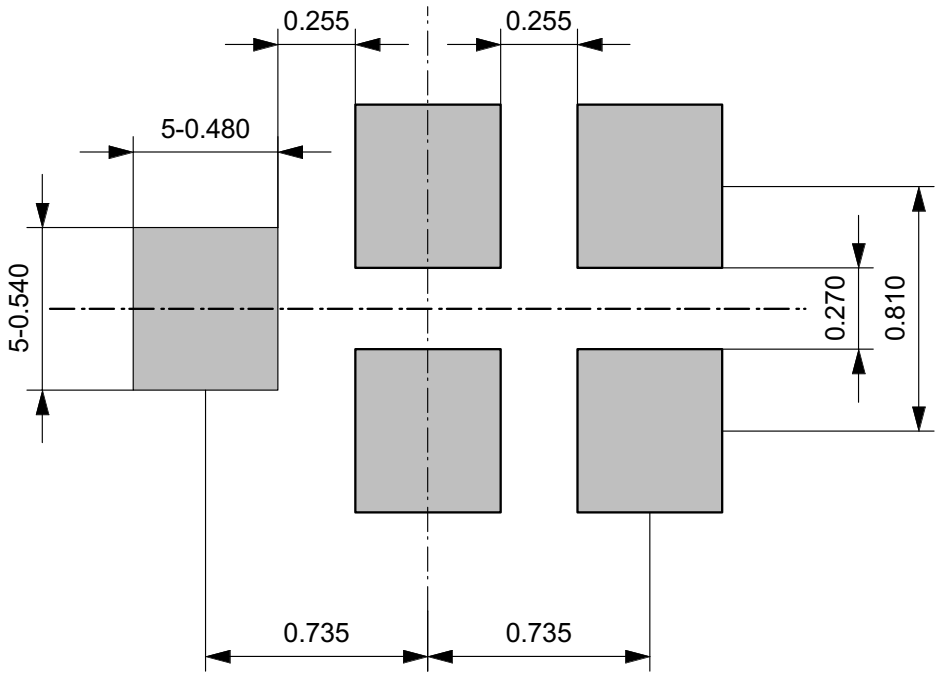
ABOVE	

Recommended land pattern



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