

To \_\_\_\_\_

No. ZCDM-040403M-01

Date 3rd Apr. '04

Type No.  
**CRDA1**

Data Sheet

| <b>GSM850/CDMA800 Rx SAW Filter</b> |                                    |
|-------------------------------------|------------------------------------|
| Application                         | : Rx Filter for GSM850/CDMA800     |
| Center Frequency                    | : 881.5MHz                         |
| Size                                | : 2.0x1.4mm, 5pin-layout           |
| Impedance                           | : 50-50ohms<br>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

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

Part No. :

Design No. : T881A22

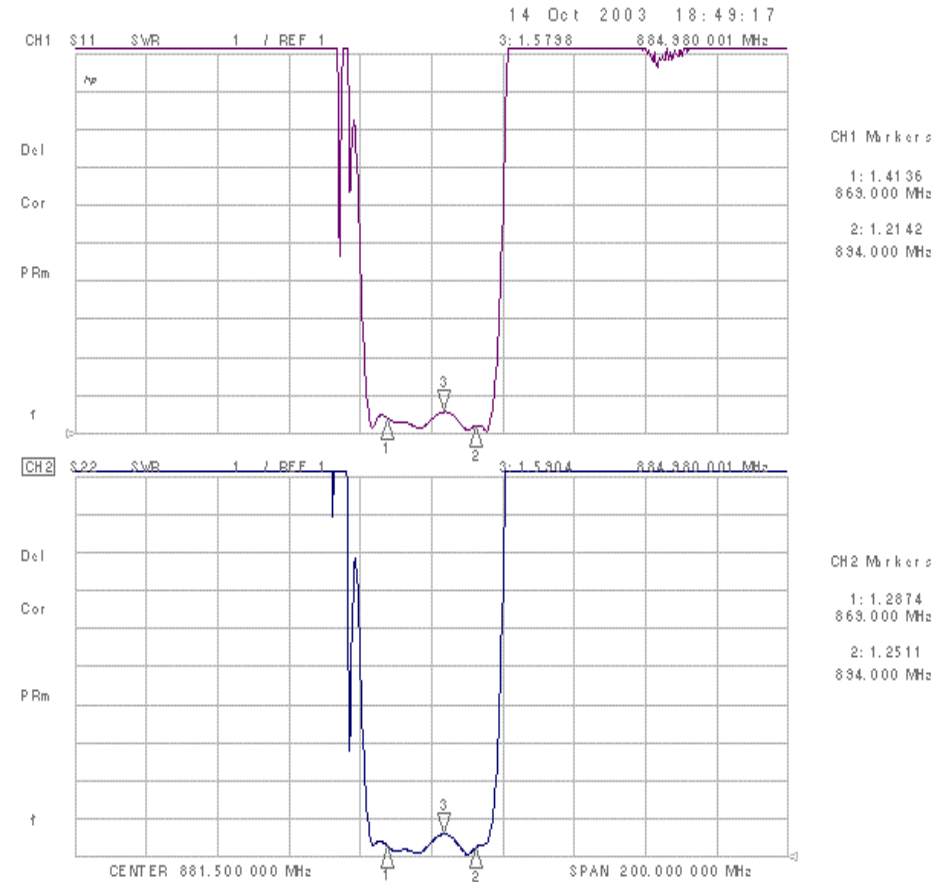
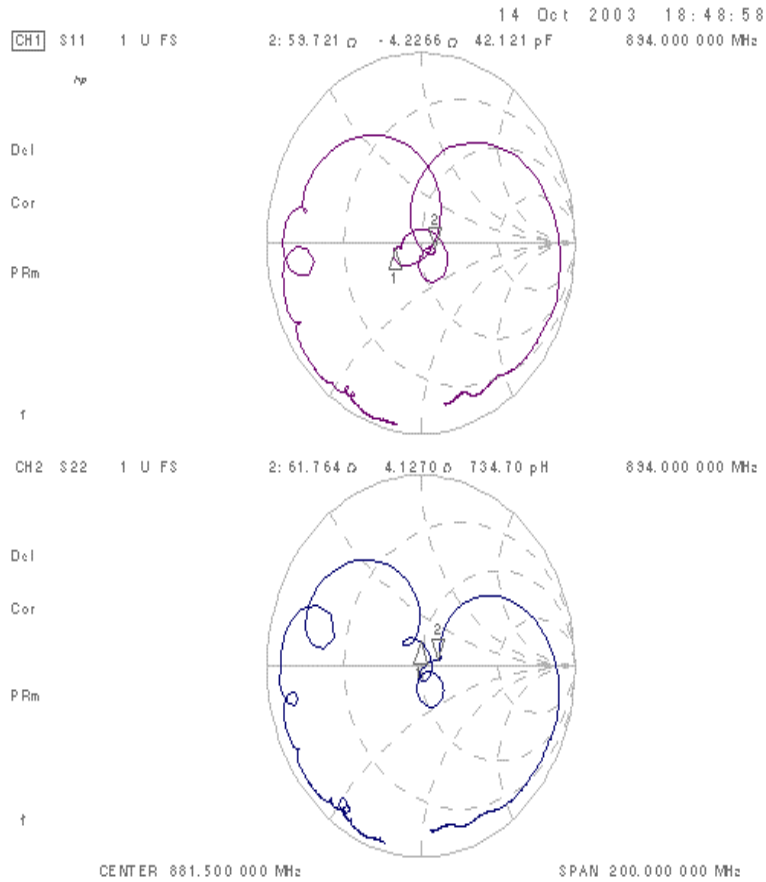


# GSM850/CDMA800 Rx SAW Filter

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

Part No. :

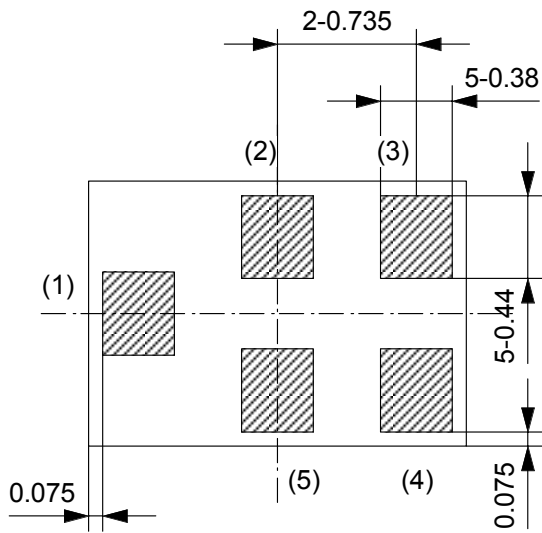
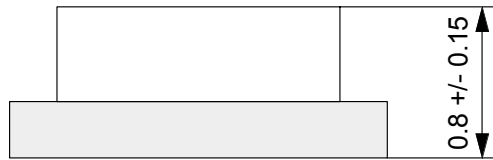
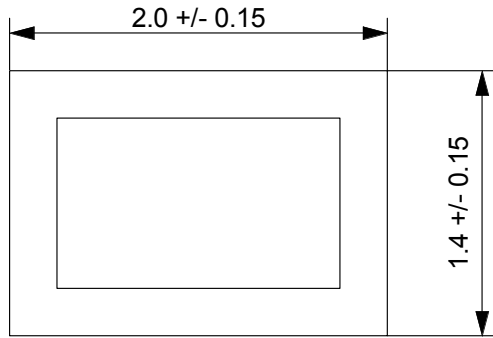
Design No. : T881A22



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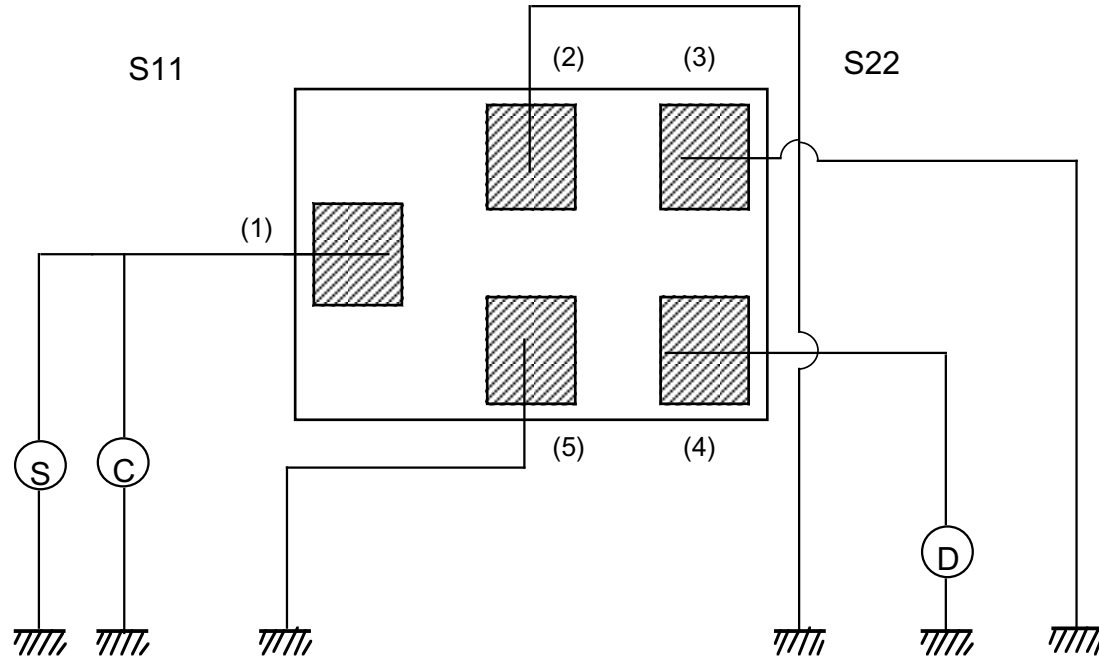
| ISSUE       | REVISIONS | DATE  |
|-------------|-----------|-------|
| MATERIAL    | FINISH    | SCALE |
| DESIGN      |           |       |
| DRAW        |           |       |
| CHECK       |           |       |
| APPROVAL    |           |       |
| DRAWING NO. |           |       |

|      |          |
|------|----------|
| NAME | TYPE NO. |
|------|----------|

**SAW Filter**

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KADOMA, OSAKA, JAPAN**

THIRD ANGLE PROJECTION



0 Level

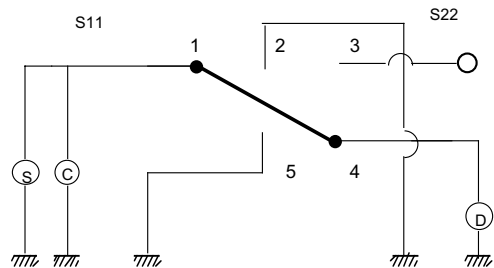


Fig. 2

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

UNLESS OTHERWISE SPECIFIED

| BASIC DIMENSIONS |      | TOLERANCE |
|------------------|------|-----------|
| UP TO            | INCL |           |
| TO               | INCL |           |
| TO               | INCL |           |
| TO               | INCL |           |
| ABOVE            |      |           |

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| ISSUE       | REVISIONS |       | DATE |
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| APPROVAL    |           |       |      |
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|      |          |
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| NAME | TYPE NO. |
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**SAW filter**

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DO NOT SCALE DRAWING      REVISIONS INDICATED BY      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\(松下\)](#)