

规格书编号

SPEC NO :

# 产品规格书

## SPECIFICATION

CUSTOMER 客 户 : \_\_\_\_\_

PRODUCT 产 品 : \_\_\_\_\_ SAW FILTER \_\_\_\_\_

MODEL NO 型 号 : \_\_\_\_\_ 272651B \_\_\_\_\_

PREPARED 编 制 : \_\_\_\_\_ CHECKED 审 核 : \_\_\_\_\_

APPROVED 批 准 : \_\_\_\_\_ D A T E 日 期 : \_\_\_\_\_ 2012-2-27 \_\_\_\_\_

|                         |             |         |
|-------------------------|-------------|---------|
| 客户确认 CUSTOMER RECEIVED: |             |         |
| 审核 CHECKED              | 批准 APPROVED | 日期 DATE |
|                         |             |         |

无锡市好达电子有限公司  
Shoulder Electronics Limited



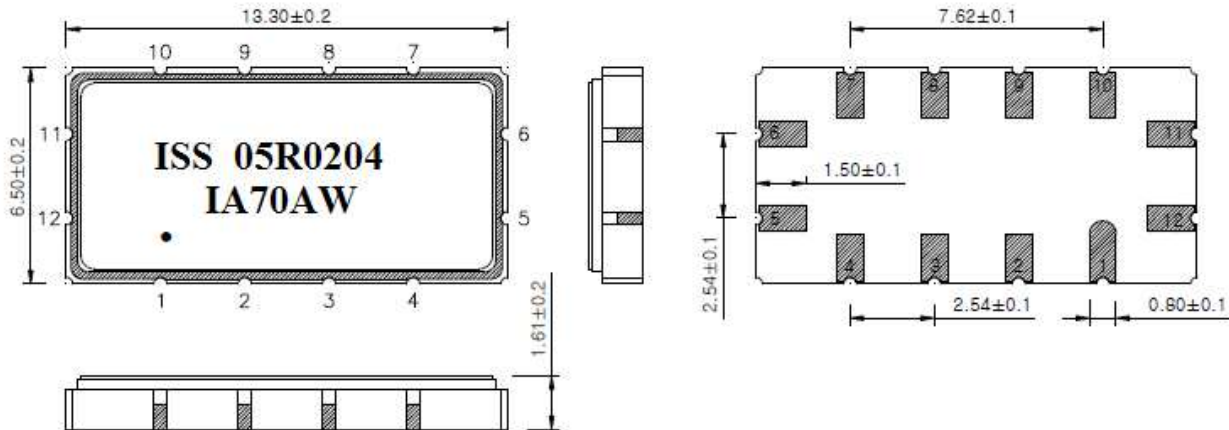
## History Record

Page 3 of 5

## 1. Features

- IF bandpass filter
- Low-Loss Filter
- Single-ended operation
- Ceramic Surface Mount Device (SMD) Package
- Maximum Storage Temperature Range : -40°C ~ 85°C
- Electrostatics Sensitive Device (ESD)

## 2. Package Dimension



| Pin Configuration |             |
|-------------------|-------------|
| 11                | Input       |
| 5                 | Output      |
| 6, 12             | Ground      |
| Other             | Case ground |

## 3. Specifications

$F_o = 70.0 \text{ MHz}$

Terminating source impedance:  $50\Omega$  and matching network

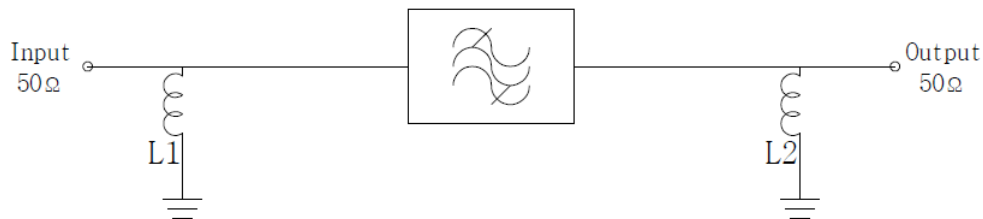
Terminating load impedance:  $50\Omega$  and matching network

| Items                                              | Unit | Min. | Typ. | Max. |
|----------------------------------------------------|------|------|------|------|
| Center Frequency( $F_c$ )                          | MHz  | -    | 70   | -    |
| Insertion Loss                                     | dB   | -    | 16.2 | 19.0 |
| 1dB Bandwidth                                      | MHz  | 24.8 | 25.5 | -    |
| 3dB Bandwidth                                      | MHz  | -    | 26.4 | -    |
| 40dB Bandwidth                                     | MHz  | -    | 29.8 | 30.5 |
| Amplitude Ripple ( $F_o \pm 12.4\text{MHz}$ )      | dB   | -    | 0.5  | 1.0  |
| Group Delay Variation ( $F_o \pm 12.4\text{MHz}$ ) | nsec | -    | 30   | 60   |
| Absolute Delay                                     | nsec | -    | 1.18 | -    |
| Ultimate Rejection                                 | dB   | 40   | 45   | -    |

|                                            |        |   |     |   |
|--------------------------------------------|--------|---|-----|---|
| Temperature Coefficient of Frequency (TCF) | ppm/°C | - | -86 | - |
|--------------------------------------------|--------|---|-----|---|

## 4. Matching Schematic

Actual matching values may vary due to PCB layout and parasitics.



$$L1 = L2 = 100 \text{ nH}$$

## 5. Typical Performance

