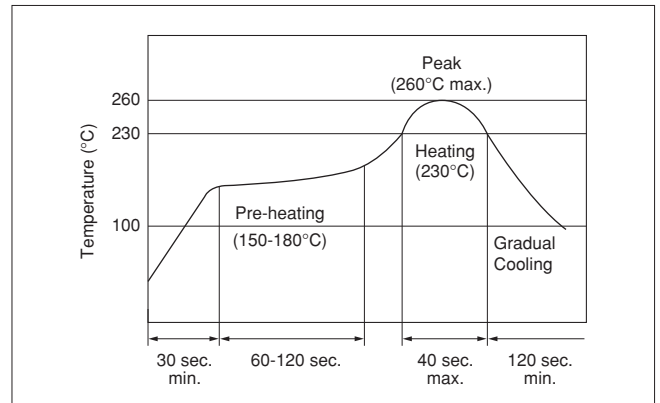


## ● Soldering and Mounting

### 1. Standard Reflow Soldering Conditions

#### (1) Reflow

Filter is soldered twice within the following temperature conditions.



#### (2) Soldering Iron

Electrode is directly soldered with the tip of soldering iron at  $+350\pm 5^{\circ}\text{C}$  for  $3.0\pm 0.5$  seconds.

#### (3) Other

Do not use strong acidity flux, more than 0.2wt% chlorine content, in reflow soldering.

### 2. Wash

Do not clean or wash the component as it is not hermetically sealed.

### 3. Coating

Do not apply conformal coating onto the component as it's not hermetically sealed.

## ● Storage and Operating Conditions

### 1. Product Storage Condition

Please store the products in a room where the temperature/humidity is stable, and avoid places where there are large temperature changes. Please store the products under the following conditions:

Temperature:  $-10$  to  $+40^{\circ}\text{C}$

Humidity: 15 to 85% R.H.

### 2. Expiration Date on Storage

Expiration date (shelf life) of the products is six months after delivery under the conditions of a sealed and unopened package. Please use the products within six months after delivery. If you store the products for a long time (more than six months), use carefully because the solderability may be degraded due to storage under poor conditions.

Please confirm solderability and characteristics for the products regularly.

### 3. Notice on Product Storage

(1) Please do not store the products in a chemical atmosphere (Acids, Alkali, Bases, Organic gas,

Sulfides and so on), because the characteristics may be reduced in quality and may be degraded in solderability due to storage in a chemical atmosphere.

(2) Please do not put the products directly on the floor without anything under them to avoid damp places and/or dusty places.

(3) Please do not store the products in places such as a damp heated place or any place exposed to direct sunlight or excessive vibration.


(4) Please use the products immediately after the package is opened, because the characteristics may be reduced in quality and/or be degraded in solderability due to storage under poor condition.

(5) Please do not drop the products to avoid cracking of ceramic element.

### 4. Other

Please be sure to consult with our sales representative or engineer whenever the products are to be used in conditions not listed above.

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● **Rating**

The component may be damaged if excessive mechanical stress is applied.

● **Handling**

For safety purposes, connect the output of filters to the IF amplifier through a D.C. blocking capacitor. Avoid applying a direct current to the output of ceramic filters.