

**PERFORMANCE AND TEST METHOD**

**Reliability**

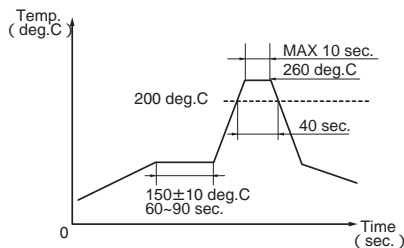
| No. | Item                     | Test condition   | Specified value                |
|-----|--------------------------|--|--------------------------------|
| 1   | Heat Resistance          | Temperature : +85W2deg.C<br>Duration : 96hrs<br>measurement : after 2Hr left in the room temp. and humid.                                    | Inductance change : Within±10% |
| 2   | Cold Resistance          | Temperature : -25W2deg.C<br>Duration : 96hrs<br>measurement : after 2Hr left in the room temp. and humid.                                    | Inductance change : Within±10% |
| 3   | Humidity Resistance      | Temperature : +40W2deg.C<br>Humidity : 90~95%<br>Duration : 96hrs<br>measurement : after 2Hr left in the room temp. and humid.               | Inductance change : Within±10% |
| 4   | Thermal Shock Resistance | Temperature : -25,+85deg.C<br>Duration : 30 min, at each temperature, 24 cycles<br>measurement : after 2Hr left in the room temp. and humid. | Inductance change : Within±10% |

**Handling Precautions**

**Recommended reflow soldering conditions**

Pb free conditions ( Standard Conditions )

- Preheating : 150 60 ~ 90sec.
- Heating : 260 10sec.



Pb free conditions differ according to each series.

**Recommended land patterns**

Recommended land patterns differ to series. Please refer to catalogs of each series.

**Using conditions**

- 25 ~ 100 Including temperature rise
- 5 ~ 85% No dewdrop

- ( 1 )The names of products and their specifications listed in this catalog may be changed for improvement or the production of some products may be discontinued without any advance notice. Before using the products, please ask for delivery specifications and confirm its contents.
- ( 2 )The specific characteristic and quality of a product as a single item are guaranteed in this catalog. When using the products, please make sure that you check and evaluate them as they are contained in a package.
- ( 3 )Our warranty does not apply to troubles that may arise as a result of using products ignoring their characteristics, ratings and the application scope described in this catalog.
- ( 4 )Products listed in this catalog are intended for the use in electronics products in general. If extremely high reliability is required or if the products are applied to apparatus or equipment in such a way that may directly jeopardize people's lives should the products be faulty, please consult with our customer service personnel in advance.
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- ( 6 )If problem arises regarding a third party's industrial proprietary rights as a result of using this products, our company will have no liability for the problem except for those related to our products' structure and production method.

**Storage /keeping**

-20 ~ 85 , 5 ~ 85% No dewdrop

Quality assurance period shall within 1 year after the date of shipment under the control normal conditions.

POWER INDUCTORS