

PERFORMANCE AND TEST METHOD

■ Reliability

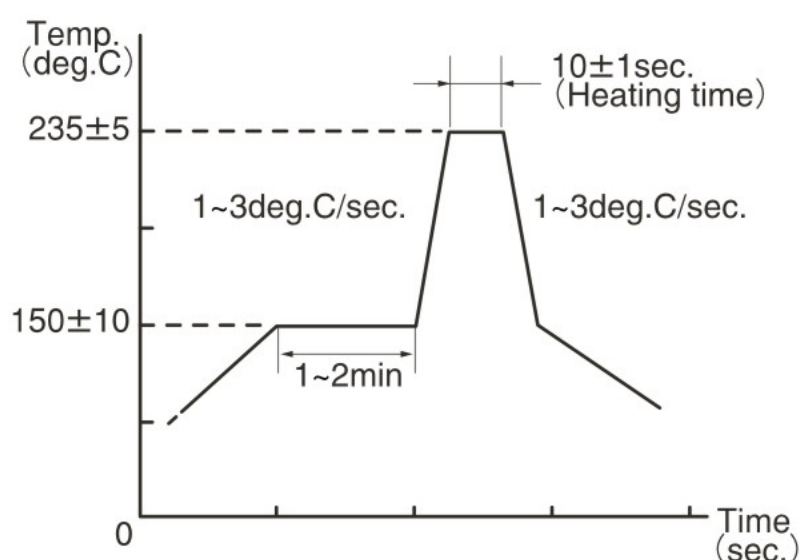
No.	Item	Test condition	Specified value
1	Heat Resistance	Temperature : +85W2deg.C Duration : 96hrs measurement : after 2 hrs left at room temp. and humid.	Inductance change : Within±10%
2	Cold Resistance	Temperature : -25W2deg.C Duration : 96hrs measurement : after 2 hrs left at room temp. and humid.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

■ Handling Precautions

Recommended reflow soldering conditions

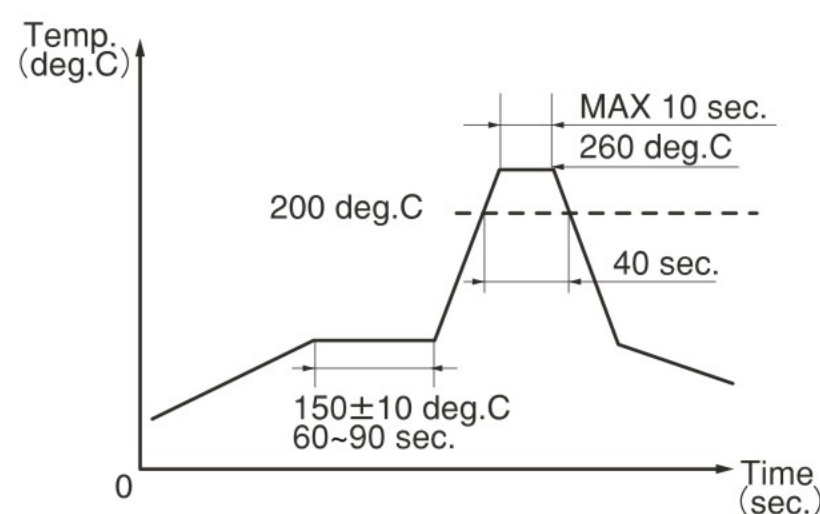
Standard Conditions

- Preheating : 150°C 60 ~ 120sec.
- Heating : 235°C 10sec.



(Example) Pb free conditions

- Preheating : 150°C 60 ~ 90sec.
- Heating : 260°C 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

- 20 ~ 100°C 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 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.
- (5) Although we have taken all possible measures to ensure the quality and reliability of our products, there is a possibility that accidents causing injury or death, fire or social damage may occur if products are not used as instructed. If you have any questions regarding how to use the products, please consult with our customer service personnel.
- (6) If problem arises regarding a third party's industrial proprietary rights as a result of using this product, our company will have no liability for the problem except for those related to our products' structure and production method.

■ Storage / keeping

- 20 ~ 85°C, 5 ~ 85% No dewdrop
- Quality assurance period shall be within 1 year after the date of shipment under the control normal conditions.

CALL OUR SALES DEPARTMENT FOR MORE INFORMATION OR VARIATIONS OF THIS PRODUCT.

Corry Micronics, Inc. One Plastics Road. - Corry, PA 16407
(814) 664-7728 Fax (814) 664-4582 www.cormic.com