

Document Receipt Acknowledgement
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Document Number: D07312-A-D0584

PD Ref.: E265-N39C

Date: April 12, 2024

Attention:

PK COMPONENTS ELEKT.BAUELEM. VERTR. GMBH

4M Change Notice

NTC Thermistor NCU15/18XH103 Series

Dear. Valued Customer

Thank you very much for your great and continued support for business with Murata. This is the official notification that some of our products' 4M Change will be proceeded as detailed below. Please review this, and approve in writing by Approval Due Date. Your understanding and support are highly appreciated.

1. Product Type, Changes, and Customer/Murata/Alternative Part Numbers:

Product Type: NTC Thermistor NCU15/18XH103 Series

Changes: Man Machine Material Method

We will change ceramic material additives

Please refer to the attached "Change points" for detailed information.

2. Reasons/Background:

To meet the increasing demand for high accurate temperature detection, we have improved the product performance of our product by modifying the material additives. As a result, we have achieved a B constant tolerance of $\pm 0.5\%$ for a product that currently guarantees a resistance tolerance of $\pm 0.5\%$ and a B constant tolerance of $\pm 0.7\%$.

3. Products Before and After the Change:

There are no changes of the products' design and quality.

Please refer to the attached "Change points " for the detailed spec.

4. Approval Due:

Sep., 30, 2024

Please review this and reply to Sales for this Notice in writing by Due Date.

5. Change Schedule:

Changed products' delivery will be started sequentially after your approval.

6. Contact Window:

If you have any questions or concerns, please contact to Murata Sales, Representative, or Distributor in your area.

Truly Yours. Thank you.

Murata Manufacturing, Co., Ltd.
Product Engineering Department Functional Devices Division
Takahiro Takagi



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Confirmation Letter

PK COMPONENTS ELEKT.BAUUELEM. VERTR. GMBH

Murata Manufacturing, Co., Ltd.

4M Change Confirmation

4M Change detailed below is Subject to Further Discussion. Accepted.
Product Type: NTC Thermistor NCU15/18XH103 Series

Changes: Man Machine Material Method

Comments, Questions, etc.

Signature
Date: (MM, DD, YYYY)

Title:

Name:
