

Document Receipt Acknowledgement



Document Number: D07312-A-G0190
PD Ref.: E265-N39C
Date: Mar. 1. 2024

Date:
Section:
Name:

Attention:

FARNELL ELEC COMPONENTS

LTD

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 N Thermist Machine Material Method
Type: NCU15/18XH103
Series

Changes:

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

**FARNELL ELEC COMPONENTS
LTD**

Murata Manufacturing, Co., Ltd.

4M Change Confirmation

Subject to Further Discussic Accepted.

4M Change detailed below is

Product Type: NTC Thermistor NCU15/18XH103 Series

Changes: Man Machine Material Method

Comments, Questions, etc.

Signature
Date: (MM, DD, YYYY)

Title:

Name:

Murata Part Number
NCU18XH103F60RB
NCU18XH103F6SRB
NCU15XH103F60RC
NCU15XH103F6SRC
NCU18XH103D60RB
NCU18XH103D6SRB
NCU18XH103E6SRB
NCU18XH103J6SRB
NCU15XH103D60RC
NCU15XH103D6SRC
NCU15XH103J6SRC
NCU18XH103E60RB
NCU18XH103J60RB