

**Document Receipt Acknowledgement**

Date:  
Section:  
Name:



Document Number: D03805-A-G0040  
PD Ref.: E2Z0-N30  
Date: Aug. 7, 2020

Attention:

**ANGLIA COMPONENTS LTD**

**4M Change Notice**

( Chip NTC Thermistor ) NCP03 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: ( Chip NTC Thermistor ) NCP03 Series

Changes:  Man  Machine  Material  Method

Before Change	After Change
[ Production plant ] · Murata Manufacturing Co., Ltd. Yokaichi Plant (Japan)	· Murata Manufacturing Co., Ltd. Yokaichi Plant (Japan) · Wuxi Murata Electronics Co., Ltd. (China)

Please refer to the attached documents for detailed Part Numbers' information.

**2. Reasons/Background:**

To increase production capacity for Chip NTC Thermistor (NCP03 series).  
To ensure a stable supply of our products by concurrent production in both Yokaichi plant and Wuxi Murata China.

**3. Products Before and After the Change:**

There are no changes of the raw materials (including sub materials for production) production process, and product specification.  
We are already producing Chip NTC Thermistors including NCP03 and Lead wire type in Wuxi Murata.

**4. Approval Due:**

**Mar. 31, 2021**

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

**5. Change Schedule:**

Production Start in New Factory: Please check to "Schedule" sheet.  
Products' delivery from the New Factory: Started after you approve.

**6. Contact Window:**

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

Truly Yours. Thank you.

Murata Manufacturing, Co., Ltd.  
Functional Device Division / Product Engineering Department 2  
Takahiro Takagi

## Confirmation Letter

**ANGLIA COMPONENTS LTD**

Murata Manufacturing, Co., Ltd.

### 4M Change Confirmation

4M Change detailed below is  Subject to Further Discussion.  Accepted.

Product Type: ( Chip NTC Thermistor ) NCP03 Series

Changes:  Man  Machine  Material  Method

Before Change	After Change
[ Production plant ] · Murata Manufacturing Co., Ltd. Yokaichi Plant (Japan)	· Murata Manufacturing Co., Ltd. Yokaichi Plant (Japan) · Wuxi Murata Electronics Co., Ltd. (China)

Comments, Questions, etc.

Signature

Date: (MM, DD, YYYY)

\_\_\_\_\_

Title:

\_\_\_\_\_

Name:

\_\_\_\_\_

### Comparison of change

		Before change	After change
<b>Factory</b>		Murata Manufacturing Co, Ltd. Yokaichi	Murata Manufacturing Co, Ltd. Yokaichi
<b>Equipment</b>		No change	
<b>Man</b>		Japanese workers	Japanese workers (Yokaichi Plant )
<b>Operation standard</b>		--	No change
<b>Design</b>	<b>Resistance value</b>	No specification change	
	<b>B-constant</b>	No specification change	
	<b>Maximum operating current</b>	No specification change	
	<b>Operating temperature</b>	No specification change	
	<b>Maximum voltage</b>	No specification change	
<b>Raw materials</b>		No change	
<b>Production process</b>		No change	
<b>Quality assurance</b>		No change	
<b>Package</b>		No change	
<b>Outgoing inspection</b>		YB*****	YB***** (Yokaichi Plant )

**生産開始スケジュール / Production Start Schedule**

品番	サイズ	サイズ	シリーズ	B定数	抵抗	偏差	サンプル出荷可能時期	量産時期@無錫村田
PN	Size (mm)	Size (inch)	Series	B value	Resistance	Tolerance	Start date of sample shipment	MP timing at Wuxi Murata
NCP03WB103E	0603	0201	NCP03	WB	103	E	Done	Done
NCP03WB473E	0603	0201	NCP03	WB	473	E	Done	Done
NCP03WB473F	0603	0201	NCP03	WB	473	F	Done	Done
NCP03WB473J	0603	0201	NCP03	WB	473	J	Done	Done
NCP03WF104E	0603	0201	NCP03	WF	104	E	Done	Done
NCP03WF104F	0603	0201	NCP03	WF	104	F	Done	Done
NCP03WF104J	0603	0201	NCP03	WF	104	J	Done	Done
NCP03WF333E	0603	0201	NCP03	WF	333	E	Done	Done
NCP03WF333J	0603	0201	NCP03	WF	333	J	Done	Done
NCP03WF683E	0603	0201	NCP03	WF	683	E	Done	Done
NCP03WF683F	0603	0201	NCP03	WF	683	F	Done	Done
NCP03WF683J	0603	0201	NCP03	WF	683	J	Done	Done
NCP03XH103E	0603	0201	NCP03	XH	103	E	Done	Done
NCP03XH103F	0603	0201	NCP03	XH	103	F	Done	Done
NCP03XH103J	0603	0201	NCP03	XH	103	J	Done	Done
NCP03XH153E	0603	0201	NCP03	XH	153	E	Done	Done
NCP03XH153J	0603	0201	NCP03	XH	153	J	Done	Done
NCP03XH223E	0603	0201	NCP03	XH	223	E	Done	Done
NCP03XH223F	0603	0201	NCP03	XH	223	F	Done	Done
NCP03XH223J	0603	0201	NCP03	XH	223	J	Done	Done
NCP03XH682E	0603	0201	NCP03	XH	682	E	Done	Done
NCP03XH682J	0603	0201	NCP03	XH	682	J	Done	Done
NCP03WL104E	0603	0201	NCP03	WL	104	E	Feb, 2021	Feb, 2021
NCP03WL104J	0603	0201	NCP03	WL	104	J	Feb, 2021	Feb, 2021
NCP03WL154E	0603	0201	NCP03	WL	154	E	Feb, 2021	Feb, 2021
NCP03WL154J	0603	0201	NCP03	WL	154	J	Feb, 2021	Feb, 2021
NCP03WL224E	0603	0201	NCP03	WL	224	E	Jan, 2021	Jan, 2021
NCP03WL224J	0603	0201	NCP03	WL	224	J	Jan, 2021	Jan, 2021
NCP03WL473E	0603	0201	NCP03	WL	473	E	Jan, 2021	Jan, 2021
NCP03WL473J	0603	0201	NCP03	WL	473	J	Jan, 2021	Jan, 2021
NCP03WL683E	0603	0201	NCP03	WL	683	E	Feb, 2021	Feb, 2021
NCP03WL683J	0603	0201	NCP03	WL	683	J	Feb, 2021	Feb, 2021
NCP03XM102E	0603	0201	NCP03	XM	102	E	Apr, 2021	Apr, 2021
NCP03XM102J	0603	0201	NCP03	XM	102	J	Apr, 2021	Apr, 2021
NCP03XM152E	0603	0201	NCP03	XM	152	E	Apr, 2021	Apr, 2021
NCP03XM152J	0603	0201	NCP03	XM	152	J	Apr, 2021	Apr, 2021
NCP03XM222E	0603	0201	NCP03	XM	222	E	Apr, 2021	Apr, 2021
NCP03XM222J	0603	0201	NCP03	XM	222	J	Apr, 2021	Apr, 2021
NCP03XM332E	0603	0201	NCP03	XM	332	E	Apr, 2021	Apr, 2021
NCP03XM332J	0603	0201	NCP03	XM	332	J	Apr, 2021	Apr, 2021
NCP03XM472E	0603	0201	NCP03	XM	472	E	Apr, 2021	Apr, 2021
NCP03XM472J	0603	0201	NCP03	XM	472	J	Apr, 2021	Apr, 2021
NCP03XV103E	0603	0201	NCP03	XV	103	E	Apr, 2021	Apr, 2021
NCP03XV103J	0603	0201	NCP03	XV	103	J	Apr, 2021	Apr, 2021
NCP03WF474F	0603	0201	NCP03	WF	474	F	Jan, 2021	Jan, 2021