Issue Date: 2022/11/24

TDK Corporation

PIEZO & PROTECTION DEVICES BG

Ryo Kobayashi

Process Change Notice

Notification for Dummy Pattern Abolish for Chip NTC Thermistors

Thank you for your continuous support and business with us. We are planning to make the dummy pattern abolish for chip NTC thermistors . Please confirm the following contents and thank you for your understanding.

1. Introduction

In response to the recent trend of increasing global demand for palladium, we have decided to abolish the dummy pattern that do not affect product characteristics, in order to ensure a stable supply of our chip NTC thermistors.

There is no change in product name, specifications (appearance, dimensions, electrical characteristics), reliability, process control plan, etc.

Dummy electrode abolish have already been adopted for our new products, and we have some their shipment. We would like to inform you that we would like to apply the dummy pattern abolish even in the existing products that we have already provide.

If you have any questions or requests, please reply by Feb, 28, 2023.

2. Dummy pattern abolish and target products

Structure of internal electrode				
Existing	Dummy pattern abolish			
Dummy pattern Internal electrode	Cross section Internal electrode			

Target products				
Piezo & Protection Devices BG				
Multilayer chip NTC thermistor NTC series				

3. Schedule

We will start production of dummy pattern abolish products for customers who have given the approval from January 2023.

We will switch sequentially to the dummy pattern abolish products for each item name from March 2023.

Planned Date: 2023/Mar	Response Date By: 2023/Feb/28		Last Order date for current spec:Not Applicable
Attachment : No			
	ANSWEI	R SHEET	
To TDK Corporation		Company	
PIEZO & PROTECTION DEVICES BG		Department	
		Name	
Approval		Directions	
	Date:		

List of the Applicable Part No.

Customer part No.	TDK part name	TDK Item name after changes
NTCG104QH474JT	NTCG104QH474JT1	NTCG104QH474JT1
NTCG163EH300JT1	NTCG163EH300JT1	NTCG163EH300JT1
NTCG164LH104JT1	NTCG164LH104JT1	NTCG164LH104JT1
NTCG164QH105HT1	NTCG164QH105HT1	NTCG164QH105HT1