



# DOCUMENT CHANGE REQUEST

## TO BE COMPLETED BY ORIGINATOR

Originator (1)  
Noel Burke

Originator signature (2)

Noel Burke

NSA or ESA representative signature (3)

Change request No. (4)

Page 1 of [2] (5)

## DOCUMENT AFFECTED

Doc. No. (6)

4006/013

Status (7)

Issue 3

Revision

Title (8)

THERMISTORS (THERMALLY SENSITIVE RESISTORS), NCT, RANGE 1 000 TO 10000 OHMS AT + 25°C WITH A TEMPERATURE RANGE OF - 55 °C TO + 115 °C

Other documents affected (10)

NONE

Paragraph(s) and page(s) affected (9)

Pages: 1, 5, 6, 7 and 8.

Paragraphs: Title of specification; 1.1, Table 1(a); Table 1(b); Figure 2

## PROPOSED WORDING OF CHANGE (11)

SEE ATTACHED PAGES

Continuation sheet(s) attached: ☒ Yes ☐ No

## JUSTIFICATION (12)

SEE ATTACHED PAGES

Continuation sheet(s) attached: ☒ Yes ☐ No

Changes required for:

Procurement (project)

☐

Qualification

☐

MRB decision

☐

(13)

General Improvement of Spec.

☒

Other

☐

## RESERVED FOR USE BY SCC SECRETARIAT

Date of registration

Order of priority for Appr. / Impl.:

1 (high)

2 (medium)

3 (low)

Attachments

Qualification status:

Qualified

In process of qualification

## RESERVED FOR USE BY APPROVING AUTHORITY

Approved

☐

Yes

☐

No

Priority

☐

Date and signature

Reference to SCCG decision

Approved wording, if different from box 11 or reason for rejection (14)

Continuation sheet(s) attached: ☐ Yes ☐ No

**SCC**

# DOCUMENT CHANGE REQUEST

**CONTINUATION SHEET FOR BOX [ ]**

Change request No.)

Page 2 of [2]

**CHANGE:**

Page 1 Title Change from "... NTC, RANGE 1000 TO 10000 OHMS AT +25°C"  
To "... NTC, RANGE 1000 TO 100000 OHMS AT +25°C"

**JUSTIFICATION:**

Adding new variant which has a resistance of 100000 ohms.

**CHANGE:**

Page 5: Para. 1.1 Change from "... NTC, RANGE 1000 TO 10000 Ohms at +25°C"  
To "... NTC, RANGE 1000 TO 100000 Ohms at + 25°C"

**JUSTIFICATION:**

Adding new variant which has a resistance of 100 000 ohms.

**CHANGE:**

Page 6 Table 1(a)  
Replace existing Table 1(a) with the following:

VARIANT	BASED ON TYPE	R <sub>Z</sub> (Note 1)	RESISTANCE/TEMPERATURE CHARACTERISTICS (NOTE 2)								
			-55 °C	-40 °C	-25 °C	0 °C	+25 °C	+50 °C	+75 °C	+100 °C	+115 °C
01	1K3A351	NOM (Ω)	95620	33512	13017	3265	1000	360.0	148.00	67.90	---
		TOL (±%)	3.69	2.32	2.10	1.02	0.88	0.76	1.16	1.46	---
02	2K3A352	NOM (Ω)	191239	67023	26034	6530	2000	720.0	296.00	135.80	---
		TOL (±%)	3.69	2.32	2.10	1.02	0.88	0.76	1.16	1.46	--
03	3K3A353	NOM (Ω)	287937	100701	39073	9795	3000	1080.0	444.0	203.60	--
		TOL (±%)	3.70	2.33	2.10	1.02	0.88	0.76	1.16	1.46	--
04	4K3A354	NOM (Ω)	383916	134268	52098	13060	4000	1440.0	592.0	271.00	177.80
		TOL (±%)	3.70	2.33	2.10	1.02	0.88	0.76	1.16	1.46	1.36
05	5K3A355	NOM (Ω)	479895	167835	65122	16325	5000	1800.0	740.0	339.00	222.00
		TOL (±%)	3.70	2.33	2.10	1.02	0.88	0.76	1.16	1.46	1.36
06	10K3A739	NOM (Ω)	959790	335670	130244	32650	10000	3600.0	1480.0	678.0	444.0
		TOL (±%)	3.70	2.33	2.10	1.02	0.88	0.76	0.76	1.46	1.36
07	100K6A441	NOM (Ω)	----	---	---	351017	100000	33598	12932	5574.3	3525.0
		TOL (±%)	----	---	---	1.08	0.93	0.82	0.72	1.27	1.64

**JUSTIFICATION:**

Addition of variant 07 / 100K6A441

**CHANGE:**

Page 7: Table 1(b)  
Add variant 07 to list of variants.

**JUSTIFICATION:**

Addition of variant 07 / 100K6A441

**CHANGE:**

Page 8: FIGURE 2 - PHYSICAL DIMENSIONS.  
Add Variant 07 with same dimensions for MIN and MAX as variant 06 **with exception of dimensions B & C which are 2.0mm max.**

**JUSTIFICATION:**

Addition of variant 07 / 100K6A441