



DOCUMENT CHANGE REQUEST

DCR number	105	Changes required for:	Qualification	Originator:	BUSSENOT Jean-Paul
Date:	2004/02/23	Date sent:	2004/02/23	Organisation:	CNES
Status:	IMPLEMENTED				

Title: Capacitors Fixed Chips Ceramic Dielectric Type I, based on type 0805

Number: 3009/003 Issue: 1

Other documents affected:

3009/004-1, 3009/005-1, 3009/006-1, 3009/022-1

Page:

Table 1(a), page 6.

Paragraph:

Table 1(a), page 6.

Original wording:

Proposed wording:

For ESCC 3009/003 specification, Table 1(a), for rated voltage 100V, change 1000pF value for 1500pF value.
For ESCC 3009/004 specification, Table 1(a), for rated voltage 100V, change 5600pF and 5620pF values for 6800pF value.
For ESCC 3009/005 specification, Table 1(a), for rated voltage 100V, change 10000pF value for 15000pF value.
For ESCC 3009/006 specification, Table 1(a), for rated voltage 100V, change 22000pF and 22600pF values for 33000pF value.
For ESCC 3009/022 specification, Table 1(a), for rated voltage 100V, change 1500pF and 1540pF values for 3900pF value.

Justification:

Extension of type I ranges for AVX/TPC qualification exercise.

Attachments:

105AVX_TYPE_I.pdf, null

Modifications:

N/A

Approval signature:

A handwritten signature in black ink, appearing to read "J. L. Kelle", written over a horizontal line.

Date signed:

2004-02-23



DOCUMENT CHANGE REQUEST

DCR Class

TO BE COMPLETED BY ORIGINATOR

Originator **J.P. BUSSENOT** (1) Originator signature (2)
 Affiliation **CNES** Date: **23 / 02 / 04**

Change request No.
 Page 1 of [**1**] (3)

DOCUMENT AFFECTED

Doc. No. (4) 3009/003	Status (5) Issue 1	Title (6) Capacitors, Fixed, chips, Ceramic Dielectric Type I, Based On Type 0805
Paragraph(s) and page(s) affected (7) Table 1(a), page 6 (See Appendix)		

Other documents affected (8)
3009/004
3009/005
3009/006
3009/022

PROPOSED WORDING OF CHANGE

(9)
 For ESCC 3009/003 specification, Table 1(a), for rated voltage 100V, change 1000pF value for 1500pF value.
 For ESCC 3009/004, 100V, change 5600 E 5620 for 6800.
 For ESCC 3009/005, 100V, change 10000 for 15000.
 For ESCC 3009/006, 100V, change 22000 E 22600 for 33000.
 For ESCC 3009/022, change 1500 E 1540 for 3900. Yes No

JUSTIFICATION

(10)
 Extension of type I ranges for AVX/TPC qualification exercise.

Continuation sheet(s) attached
 Yes No

Changes required for: Procurement (project) Qualification MRB decision (11)
 General Improvement of Spec. Other

RESERVED FOR USE BY THE ESCC EXECUTIVE SECRETARIAT

Date of registration: Order of Priority for Appr. / Impl.: 1 (high) 2 (medium) 3 (low)
 Attachments: Qualification Status: Qualified In process of qualification N/A

RESERVED FOR USE BY APPROVING AUTHORITY

Approved <input type="checkbox"/> Yes <input type="checkbox"/> No Priority <input type="checkbox"/>	Signature Role Date	Reference to SCSB / PSWG decision
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Approved wording if different from box 9 or reason for rejection

Continuation sheet(s) attached
 Yes No

TABLE 1(a) - RANGE OF COMPONENTS

CAPACITANCE RANGE (pF)	TOLERANCE (±)		VALUES SERIES	RATED VOLTAGE (U _R) (V)
	%	pF		
1.0 to 9.1	-	0.25	E 24	100
10 to 1000	1.0	-	E 96	100
10 to 1000	2.0	-	E 48	100
10 to 1000	5.0	-	E 24	100
1.0 to 9.1	-	0.5	E 12	100
10 to 1000	10	-	E 12	100
1.0 to 9.1	-	0.25	E 24	50
10 to 1500	1.0	-	E 96	50
10 to 1540	2.0	-	E 48	50
10 to 1500	5.0	-	E 24	50
1.0 to 9.1	-	0.5	E 12	50
10 to 1500	10	-	E 12	50
10 to 1500	1.0	-	E 96	25
10 to 1540	2.0	-	E 48	25
10 to 1500	5.0	-	E 24	25
10 to 1500	10	-	E 12	25

1500
 1500
 1500
 1500



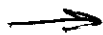
NOTES

- As specified in Para. 4.4.1 and Figure 2, these ranges are available in 6 variants.

TABLE 1(a) - RANGE OF COMPONENTS

CAPACITANCE RANGE (pF)	TOLERANCE (±) (%)	VALUES SERIES	RATED VOLTAGE (U _R) (V)
10 to 5620	1.0	E 96	100
10 to 5620	2.0	E 48	100
10 to 5600	5.0	E 24	100
10 to 5600	10	E 12	100
10 to 10000	1.0	E 96	50
10 to 10000	2.0	E 48	50
10 to 10000	5.0	E 24	50
10 to 10000	10	E 12	50
10 to 10000	1.0	E 96	25
10 to 10000	2.0	E 48	25
10 to 10000	5.0	E 24	25
10 to 10000	10	E 12	25

6800
 6800
 6800
 6800



NOTES

- As specified in Para. 4.4.1 and Figure 2, these ranges are available in 6 variants.

**SCC**ESA/SCC Detail Specification
No. 3009/005

Rev. 'C'

PAGE 6

ISSUE 6

TABLE 1(a) - RANGE OF COMPONENTS

CAPACITANCE RANGE (pF)	TOLERANCE (±) (%)	VALUES SERIES	RATED VOLTAGE (U _R) (V)
100 to 10000	1.0	E 96	100
100 to 10000	2.0	E 48	100
100 to 10000	5.0	E 24	100
100 to 10000	10	E 12	100
100 to 18200	1.0	E 96	50
100 to 18700	2.0	E 48	50
100 to 18000	5.0	E 24	50
100 to 18000	10	E 12	50
100 to 18200	1.0	E 96	25
100 to 18700	2.0	E 48	25
100 to 18000	5.0	E 24	25
100 to 18000	10	E 12	25

→ 15000

NOTES

1. As specified in Para. 4.4.1 and Figure 2, these ranges are available in 6 variants.

**SCC**ESA/SCC Detail Specification
No. 3009/006

Rev. 'C'

PAGE 6

ISSUE 6

TABLE 1(a) - RANGE OF COMPONENTS

CAPACITANCE RANGE (pF)	TOLERANCE (\pm) (%)	VALUES SERIES	RATED VOLTAGE (U_R) (V)
464 to 22600	1.0	E 96	100
464 to 22600	2.0	E 48	100
470 to 22000	5.0	E 24	100
470 to 22000	10	E 12	100
464 to 39200	1.0	E 96	50
464 to 40200	2.0	E 48	50
470 to 39000	5.0	E 24	50
470 to 39000	10	E 12	50
464 to 39200	1.0	E 96	25
464 to 40200	2.0	E 48	25
470 to 39000	5.0	E 24	25
470 to 39000	10	E 12	25

→ 33000

NOTES

1. As specified in Para. 4.4.1 and Figure 2, these ranges are available in 6 variants.



SCC

ESA/SCC Detail Specification
No. 3009/022

Rev. 'B'

PAGE 6
ISSUE 2

TABLE 1(a) - RANGE OF COMPONENTS

CAPACITANCE RANGE (pF)	TOLERANCE (\pm) (%)	VALUES SERIES	RATED VOLTAGE (U_R) (V)
10 to 1500	1.0	E 96	100
10 to 1540	2.0	E 48	100
10 to 1500	5.0	E 24	100
10 to 1500	10	E 12	100
10 to 3920	1.0	E 96	50
10 to 4020	2.0	E 48	50
10 to 3900	5.0	E 24	50
10 to 3900	10	E 12	50
10 to 3920	1.0	E 96	25
10 to 4020	2.0	E 48	25
10 to 3900	5.0	E 24	25
10 to 3900	10	E 12	25

→ 3900

NOTES

1. As specified in Para. 4.4.1 and Figure 2, these ranges are available in 6 variants.