



DOCUMENT CHANGE REQUEST

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|------------|-------------|-----------------------|------------|---------------|----------------------------|
| DCR number | 1530 | Changes required for: | General | Originator: | Steve Thacker |
| Date: | 2023/09/12 | Date sent: | 2022/10/04 | Organisation: | ESCC Executive Secretariat |
| Status: | IMPLEMENTED | | | | |

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

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|---------|----------|--------|---|
| Number: | 3009/003 | Issue: | 9 |
|---------|----------|--------|---|

Other documents affected:

3009/005-7

Page:

7

Paragraph:

1.4.2 Note 1

Original wording:

as per 3009/003 issue 8 & 3009/005 issue 7

Proposed wording:

Amend the range of components listed in Para. 1.4.2 Note 1 as follows:

.....
For 3009/003:

Amend 1.4.2 Note 1 as follows, including for UR = 50V a change to the maximum capacitance value (*); see attached specification mark-up for details:

For UR = 200V: amend the capacitance value range to be 1 to 680pF

For UR = 100V: amend the capacitance value range to be 1 to 1500pF

For UR = 50V: amend the capacitance value range to be 1 to 2200pF(*) (was 1500pF)

For UR = 25V: amend the capacitance value range to be 1 to 2200pF

For UR = 16V: amend the capacitance value range to be 1 to 2700pF

Modify the text under Note 1 to be as follows:
Available Capacitance values for each Rated Voltage are as defined by the E12 to E96 series; however, any capacitance value within each specified capacitance range may be available on request.

Capacitance tolerances available are:

- for Cn < 10pf: 0.25pF, 0.5pF
- for Cn 10pf: 1% 2% 5% 10%

.....
For 3009/005:

Amend 1.4.2 Note 1 as follows, including for UR = 100V a change to the maximum capacitance value (*); see attached specification mark-up for details:

For UR = 200V: amend the capacitance value range to be 100 to 10000pF



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For UR = 100V: amend the capacitance value range to be 100 to 15000pF(*) (was 12000pF)
For UR = 50V: amend the capacitance value range to be 100 to 22000pF
For UR = 25V: amend the capacitance value range to be 100 to 27000pF
For UR = 16V: amend the capacitance value range to be 100 to 33000pF

Modify the text under Note 1 to be as follows:
Available Capacitance values for each Rated Voltage are as defined by the E12 to E96 series; however, any capacitance value within each specified capacitance range may be available on request.

Capacitance tolerances available are: 1% 2% 5% 10%

.....

Justification:

The ranges of specified components for these 2 specs are amended to be consistent to the ranges currently listed on the ESCC QPL (issue 230 date August 2022) (for Kyocera AVX certificate 109Q & Exxelia certificate 323D)

Attachments:

esc3009005iss_draft_8a_in_review(2).docx, esc3009003iss_draft_9a_in_review(2).docx

Modifications:

N/A

Approval signature:

Date signed:

2023-09-12