

IEC 60384-22

(First edition – 2004-06)

Fixed capacitors for use in electronic equipment –

Part 22: Sectional specification: Fixed surface mount multilayer capacitors

of ceramic dielectric, Class 2

CORRIGENDUM 1

Page 8

1.5.6 rated voltage (DC)

Replace, in the note, 'AC' by 'a.c.'.

Page 8

1.5.6 rated voltage (DC)

Replace, in the title and text, 'DC' by 'd.c.'.

Page 9

1.6.1

Replace, in item b), 'DC' by 'd.c.'.

Page 10

2.2.5 Temperature characteristic of capacitance

Replace, in the first paragraph, 'DC' by 'd.c.'.

Page 11

Table 3 – Temperature characteristic of capacitance

Replace, throughout the table, 'DC' by 'd.c.'.

Table 4 – Fixed sample size test plan for qualification approval, assessment level EZ

Replace the column headers by the following:

Group No.	Test	Subclause of this publication	Number of specimens <i>n</i> ^e	Permissible number of non conforming items <i>c</i>
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Table 5 – Tests schedule for qualification approval

Replace GROUP 1 A by the following:

GROUP 1A	D	See Table 4	
4.15 Robustness of termination (if applicable)		Test Ua1, force: 2,5 N Test Ub, method 1, force: 2,5 N Number of bends: 1 Visual examination	No visible damage
4.9.2 Initial measurement		Capacitance	
4.9 Resistance to soldering heat		Special preconditioning as in 4.1 See detail specification for the method Recovery: (24 ± 2) h	
4.9.5 Final measurement		Visual examination Capacitance	As in 4.9.5 As in 4.9.5
4.16 Component solvent resistance (if applicable)		Solvent: ... Solvent temperature: ... Method 2 Recovery: ...	See detail specification

Table 5 – Tests schedule for qualification approval

Replace GROUP 2 and GROUP 3 by the following:

<p>GROUP 2</p> <p>4.8 Substrate bending test</p> <p>4.8.1 Initial measurement</p> <p>4.8.2 Final inspection</p>	<p>D</p>	<p>Deflection: ...</p> <p>Number of bends: ...</p> <p>Capacitance</p> <p>Capacitance (with printed board in bent position)</p> <p>Visual examination</p>	<p>See Table 4</p>	<p>See detail specification</p> <p>$AC/C \leq 10\%$</p> <p>No visible damage</p>
<p>GROUP 3</p> <p>4.3 Mounting</p>	<p>D</p>	<p>Substrate material: ...^b</p> <p>Visual examination</p> <p>Capacitance</p> <p>Tangent of loss angle</p> <p>Insulation resistance</p> <p>Voltage proof</p>	<p>See Table 4</p>	<p>As in 4.4.2</p> <p>Within specified tolerance</p> <p>As in 4.5.2</p> <p>As in 4.5.3.3</p> <p>No breakdown or flashover</p>

Table 10 – Details of measuring conditions

Replace, throughout the table, 'DC' by 'd.c.'

4.6.3 Requirements

Replace, in the first sentence, 'DC' by 'd.c.'

Table 16 – Endurance test conditions ($U_C = U_R$)

Replace, in the second row beneath the column headers, 'DC' by 'd.c.'

Table 17 – Endurance test conditions ($U_C \neq U_R$)

Replace, in the second row beneath the column headers, 'DC' by 'd.c.'