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

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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.'.

Page 14

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 n [e]	Permissible number of non conforming items c

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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

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Table 5 – Tests schedule for qualification approval

Replace GROUP 2 and GROUP 3 by the following:

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

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Table 10 – Details of measuring conditions

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

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4.6.3 Requirements

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

Page 32

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

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

Page 32

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

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

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