

INTERNATIONAL ELECTROTECHNICAL COMMISSION
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

IEC 60384-17
Edition 3.0 2019-03

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**FIXED CAPACITORS FOR USE IN ELECTRONIC
EQUIPMENT –**

**Part 17: Sectional specification –
Fixed metallized polypropylene film dielectric AC
and pulse capacitors**

**CONDENSATEURS FIXES UTILISÉS DANS LES
ÉQUIPEMENTS ÉLECTRONIQUES –**

**Partie 17: Spécification intermédiaire –
Condensateurs fixes pour tension alternative et
pour impulsions à diélectrique en film de
polypropylène métallisé**

C O R R I G E N D U M 1

Corrections to the French version appear after the English text.

Les corrections applicables à la version française sont publiées après celles applicables à la version anglaise.

CONTENTS

Add Subclause 4.16 Sealing (if required)

Table 3 – Test and sampling plan for qualification approval, assessment level EZ *Replace*

Table 3 with the following new table:

Group No.	Test	Subclause	Number of specimens (n) and permissible number of non-conforming items (c)				
			Per value ^b	For four or less values to be tested ^b	For six values to be tested ^b	c	
							n
0	Visual examination	4.1	29	116	174	0	
	Marking	1.6					
	Dimensions	4.1					
	Capacitance	4.2.2					
	Tangent of loss angle	4.2.3					
	Voltage proof	4.2.1					
	Insulation resistance	4.2.4					
	Inductance ^d	4.2.5	(+5) ^d	(+20) ^d	(+30) ^d		
	Sealing ^d	4.16	(+5) ^d	(+20) ^d	(+30) ^d		
	Spare specimens		2	8	12		
1A	Robustness of terminations	4.3	3	12	18		
	Resistance to soldering heat	4.4					
	Component solvent resistance ^d	4.14					
1B	Solderability	4.5	6	24	36		
	Solvent resistance of the marking	4.15					
	Rapid change of temperature	4.6					
	Vibration	4.7					
	Bump or shock ^a	4.8 or 4.9					
1	Climatic sequence	4.10	9	36	54		
2	Damp heat, steady state without voltage	4.11	5	20	30		
	Damp heat, steady state with voltage ^d		(+5) ^d	(+20) ^d	(+30) ^d		
3A	Endurance test at 50 Hz/60 HZ alternating voltage	4.12.1	10	40	60		
3B ^e	Endurance test with sinusoidal current or voltage ^d	4.12.2	(+5) ^d	(+20) ^d	(+30) ^d		
3C ^e	Pulse endurance test ^d	4.12.3	(+5) ^d	(+20) ^d	(+30) ^d		
4	Characteristics depending on temperature ^d	4.2.6	(+5) ^d	(+20) ^d	(+30) ^d		
	Charge and discharge ^c	4.13	5 ^c	20 ^c	30 ^c		
^a As required in the detail specification.							
^b Capacitance-voltage combinations, see 3.4.2.							
^c Not required when pulse endurance test is required.							
^d If required in the detail specification.							

Add Subclause 4.16 as follows:

4.16 Sealing (if required)

See IEC 60384-1:2016, 4.20.

A.1 General

In the first line, replace "2.1.2" by "2.1".