

INTERNATIONAL STANDARD

IEC
62317-9

2006

AMENDMENT 1
2007-02

Amendment 1

Ferrite cores – Dimensions –

**Part 9:
Planar cores**

© IEC 2007 Droits de reproduction réservés — Copyright - all rights reserved

International Electrotechnical Commission, 3, rue de Varembé, PO Box 131, CH-1211 Geneva 20, Switzerland
Telephone: +41 22 919 02 11 Telefax: +41 22 919 03 00 E-mail: inmail@iec.ch Web: www.iec.ch



Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

PRICE CODE

C

For price, see current catalogue

FOREWORD

This amendment has been prepared by IEC technical committee 51: Magnetic components and ferrite materials.

The text of this amendment is based on the following documents:

CDV	Report on voting
51/866/CDV	51/876/RVC

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

Page 12

Table 5 – Dimensions of low-profile ER-core

Add, to the existing table, the new cores as follows:

Size	A	B ₁	B ₂	C	D	E	F	G
ER20 × 6 × 14 min.	19,65	6,2		13,7	3,95	17,65	8,65	12,51
max.	20,35	6,4		14,3	4,25	18,35	8,95	13,21
PLT20 × 2 × 14 min.	19,65		2,25	13,7				
max.	20,35		2,35	14,3				
ER32 × 5 × 21 min.	31,4	5,0		20,6	2,6	29,2	11,0	23,0
max.	32,6	5,2		21,4	2,8	30,2	11,4	24,2
PLT32 × 3 × 25 min.	31,4		2,3	20,6				
max.	32,6		2,5	21,4				

Table 6 – Effective parameter values and $A_{\min}$ values

Add, to the existing table, the new values as follows:

	C_1 mm^{-1}	C_2 mm^{-3}	I_e mm	A_e mm^2	V_e mm^3	$A_{\min}$ mm^2	Remarks
ER20 × 6 × 14	0,578 42	0,009 734 0	34,4	59,4	2 040	55,4	Combination ER-ER
ER32 × 5 × 21	0,399 71	0,003 981 9	40,1	100	4 030	98,5	
ER20 × 6 × 14 + PLT	0,433 22	0,007 146 5	26,3	60,6	1 590	55,4	Combination ER-PLT
ER32 × 5 × 21 + PLT	0,345 69	0,003 441 3	34,7	101	3 490	98,5	