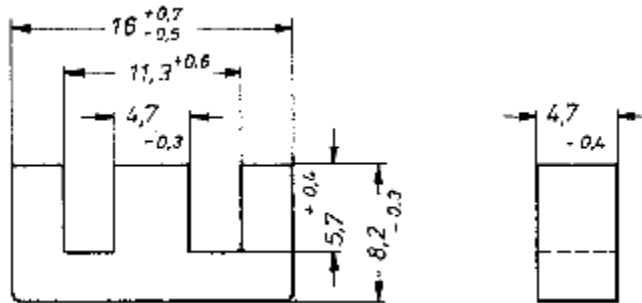




E-KERN E 16/5 (EF 16/4,7)
E CORE E 16/5 (EF 16/4.7)



201

Magnetische Formkenngrößen/Satz
Effective magnetic parameters/set

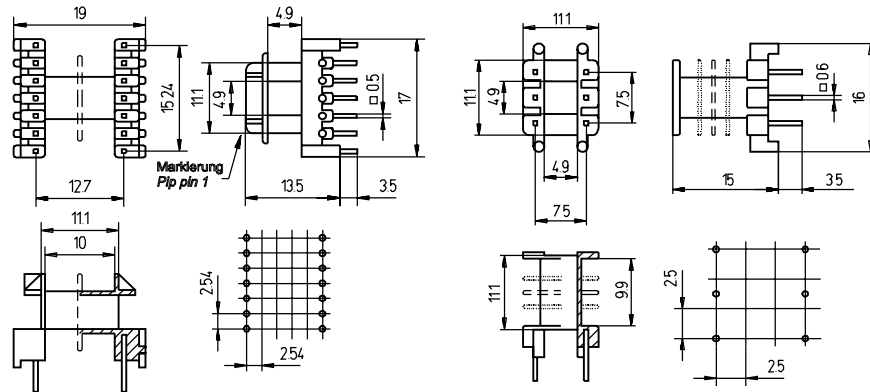
Formfaktor Core factor	C_1	=	1.87	mm ⁻¹
Eff. magn. Weglänge Eff. magn. path length	l_e	=	37.6	mm
Eff. magn. Querschnitt Eff. magn. cross-section	A_e	=	20.1	mm ²
Min. Kernquerschnitt Min. core cross-section	A_{min}	=	19.4	mm ²
Eff. magn. Volumen Eff. magn. volume	V_e	=	750	mm ³
Gewicht Weight	G	=	4.0	g

A_L -Wert A_L value nH	Toleranz tolerance %	Werkstoff material	Luftspalt air gap mm	Bestellnummer order number
1000	±25	K2004		320 160 500 024
1050	±25	K2006		320 160 500 026
1600	±25	K4000		320 160 500 004
230		K2004	0.10	320 160 510 024
75		K2004	0.50	320 160 550 024

Bei Anwendung in Leistungsübertragern / For application in power transformers
 Meßfrequenz / Test frequency $f = 16 \text{ kHz}, 25 \text{ kHz}$ ¹⁾

Temperatur temperature °C	Induktion induction mT	Feldstärke field strength A/m	Verluste W / Satz / losses W/set	
			K2004	K2006 ¹⁾
25	200		0.090	0.120
100	200		0.075	0.090
100	100	50		
100	330	250		

SPULENKÖRPER E 16/5 (EF 16/4,7) COIL FORMER E 16/5 (EF 16/4.7)



liegend / horizontal

[mm]

stehend / vertical

[mm]

liegend horizontal	Bezeichnung / Designation	
	SP-E 16 - 1304	SP-E 16 - 1305
Kammeranzahl Number of sections	1	2
A_N in mm ²	25	23.5
l_N in mm	33.3	33.3
max. Stifanzahl max. number of pins	14	14
Bestell-Nr. Order no.	500 160 110 127	507 160 120 127

stehend vertical	Bezeichnung / Designation		
	SP-E 16 - 1285	SP-E 16 - 1306	SP-E 16 - 1548
Kammeranzahl Number of sections	1	2	3
A_N in mm ²	25.2	24	22.7
l_N in mm	33.1	33.1	33.1
max. Stifanzahl max. number of pins	6	6	6
Bestell-Nr. Order no.	501 160 510 117	501 160 120 117	501 160 230 117

Standardmaterial / Standard material : Polyamid(e)