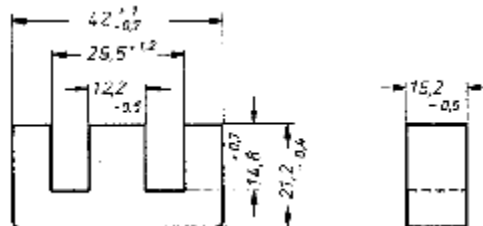




E-KERN E 42/15 E CORE E 42/15



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Magn. Formkenngrößen/Satz / Effective magn. parameters/set

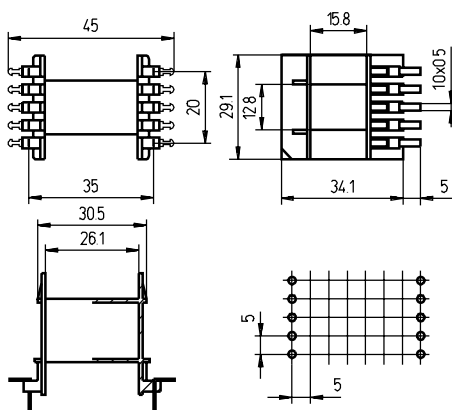
Formfaktor Core factor	C ₁	=	0.55	mm ⁻¹
Eff. magn. Weglänge Eff. magn. path length	l _e	=	97.0	mm
Eff. magn. Querschnitt Eff. magn. cross-section	A _e	=	180.0	mm ²
Min. Kernquerschnitt Min. core cross-section	A _{min}	=	180.0	mm ²
Eff. magn. Volumen Eff. magn. volume	V _e	=	17000	mm ³
Gewicht Weight	G	=	85.0	g

A _L -Wert A _L value nH	Toleranz tolerance %	Werkstoff material	Luftspalt air gap mm	Bestellnummer order number
3500	25	K2004		320 421 500 024
3600	25	K2006		320 421 500 026
~ 1500		K2004	0.10	320 421 510 024
~ 750		K2004	0.25	320 421 525 024
~ 420		K2004	0.50	320 421 550 024
~ 260		K2004	1.00	322 421 510 024
~ 190		K2004	1.50	322 421 515 024
~ 150		K2004	2.00	322 421 520 024

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

Temperatur temperature °C	Induktion induction mT	Feldstärke field strength A/m	Verluste W/Satz / losses W/set K2004	Verluste W/Satz / losses W/set K2006 ¹⁾
25	200		2.10	2.80
100	200		1.75	2.10
100	100	50		
100	330	250		

SPULENKÖRPER E 42/15 COIL FORMER E 42/15



[mm]

liegend horizontal	Bezeichnung / Designation
	SP-E 42/15 - 1494
Kammeranzahl Number of sections	1
A_N in mm ²	186.6
l_N in mm	90.7
max. Stifanzahl max. number of pins	10
Bestell-Nr. Order no.	513 421 510 12A

Standardmaterial / Standard material: Polyamid(e)