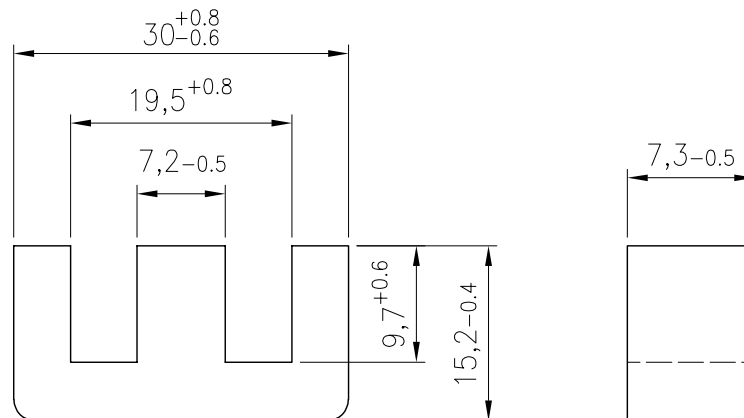




E-Kern E 30/7 (E 30/7,3) **E core E 30/7 (E 30/7.3)**



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

Formfaktor / core factor	C_1	=	1,12	mm ⁻¹
Eff. magn. Weglänge / eff. magn. path length	l_e	=	67,0	mm
Eff. magn. Querschnitt / eff. magn. cross section	A_e	=	60,0	mm ²
Min. Kernquerschnitt / min. cross section	A_{min}	=	49,0	mm ²
Eff. magn. Volumen / eff. magn. volume	V_e	=	4000	mm ³
Gewicht / weight	G	≈	21,0	g

A_L -Wert A_L value nH	Toleranz tolerance	Werkstoff material	Luftspalt airgap mm	μ_e	Bestellnummer order number
1800	± 25 %	K 2004	-	≈ 1600	320 300700 024
1900	± 25 %	K 2006	-	≈ 1700	320 300700 026
3300	± 25 %	K 4000	-	≈ 2950	320 300700 004
≈ 285		K 2006	0,2	≈ 255	320 300720 026
≈ 150		K 2006	0,5	≈ 135	320 300750 026

Bei Anwendung in Leistungsübertragern / For application in power transformers

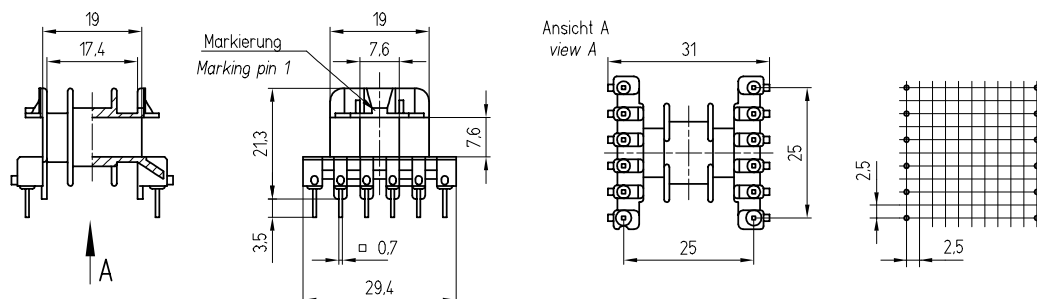
Messfrequenz / test frequency $f = 25$ kHz

Temperatur temperature °C	Flussdichte flux density mT	Feldstärke field strength A/m	Verluste / Satz power losses / set	
			K 2004	K 2006
25	200		≤ 0,84 W	≤ 0,60 W
100	200		≤ 0,72 W	≤ 0,44 W
100	≥ 100	50		
100	≥ 330	250		

Spulenkörper E 30/7 (E 30/7,3)
Coilformer E 30/7 (E 30/7.3)



Spulenkörper - liegend
 Coilformer - horizontal



	Bezeichnung / description	
	SP-E30/7-1636	SP-E30/7-1638
Kammerzahl / no. of sections	1	3
A_N in mm ²	83,5	64,1
I_N in mm	54,7	54,0 / 60,7
max. Stiftzahl / max. no. of pins	12	12
Standardmaterial / standard material	Polyamid(e) 6.6 35%GF	Polyamid(e) 6.6 35%GF
Bestellnummer / order no.	510 309710 127	510 309730 127