Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!
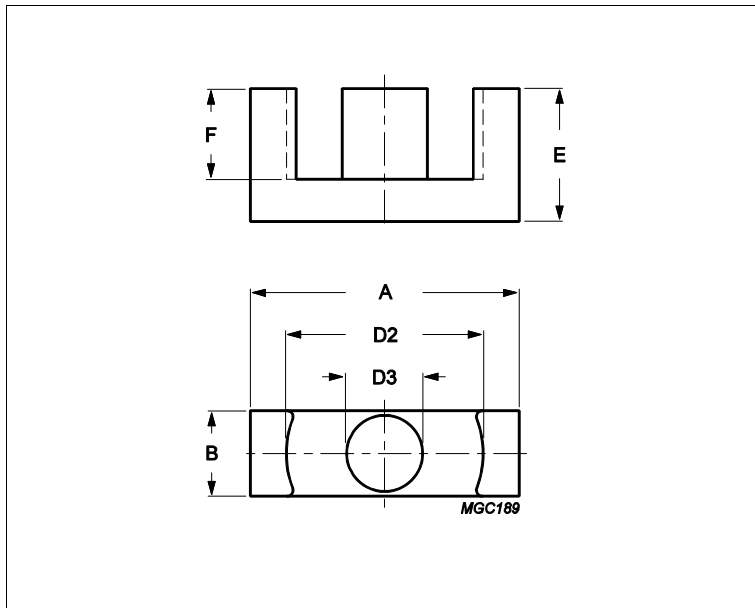

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Core **ER35/21/11**

Effective parameters			
	Parameter	**Value**	**Unit**
Σ(I/A)	*core factor (C1)*	0.849	mm^{-1}
Ve	*effective volume*	9710	mm^3
Le	*effective length*	90.8	mm
Ae	*effective area*	107	mm^2
Amin	*minimum area*	100	mm^2
m	*ER35/21/11*	≈ 23	g/pcs

Dimensions for product: ER35/21/11						
	Nom	**Tol +**	**Tol -**	**Max**	**Min**	**Unit**
A	35.00	0.65	0.65	35.65	34.35	mm
B	11.40	0.35	0.35	11.75	11.05	mm
D2	26.15	0.55	0.55	26.70	25.60	mm
D3	11.30	0.25	0.25	11.55	11.05	mm
E	20.70	0.20	0.20	20.90	20.50	mm
F	14.75	0.35	0.35	15.10	14.40	mm

Inductance factor				
Material	**Value**	**Tol +**	**Tol -**	**Unit**
3C94	2800	25%	25%	nH/turns^2

Power loss: 3C94				
Measuring conditions			**Max**	**Unit**
100 kHz	200 mT	100 ºC	4.900	W/set

Bsat				
Measuring conditions			**Material**	**Min**	**Unit**
25 kHz	250 A/m	100 ºC	3C94	320	mT