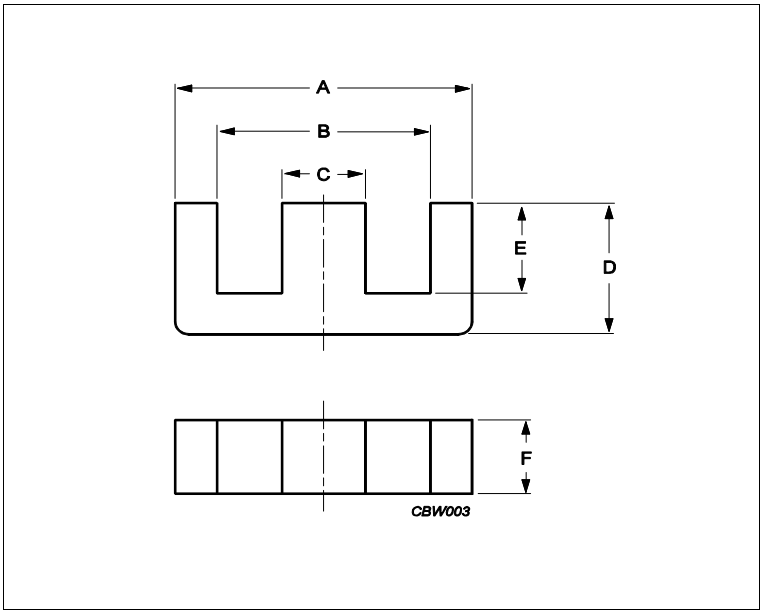
Core **E30/15/7**



Effective parameters			
	Parameter	**Value**	**Unit**
Σ(I/A)	*core factor (C1)*	1.12	mm^{-1}
Ve	*effective volume*	4000	mm^3
Le	*effective length*	67	mm
Ae	*effective area*	60	mm^2
Amin	*minimum area*	49	mm^2
m	*E30/15/7*	≈ 11	g/pcs

Dimensions for product: E30/15/7						
	Nom	**Tol +**	**Tol -**	**Max**	**Min**	**Unit**
A	30.80	0.00	1.40	30.80	29.40	mm
B	19.50	1.00	0.00	20.50	19.50	mm
C	7.20	0.00	0.50	7.20	6.70	mm
D	15.00	0.20	0.20	15.20	14.80	mm
E	9.70	0.50	0.00	10.20	9.70	mm
F	7.30	0.00	0.50	7.30	6.80	mm

Inductance factor				
Material	**Value**	**Tol +**	**Tol -**	**Unit**
3C92	1400	25%	25%	$nH/turns^2$
3C94	1900	25%	25%	$nH/turns^2$
3C96	1600	25%	25%	$nH/turns^2$
3F36	1300	25%	25%	$nH/turns^2$

Power loss: 3C92				
Measuring conditions			**Max**	**Unit**
100 kHz	200 mT	100 ºC	2.000	W/set
Power loss: 3C94				
Measuring conditions			**Max**	**Unit**
100 kHz	200 mT	100 ºC	2.000	W/set
Power loss: 3C96				
Measuring conditions			**Max**	**Unit**
100 kHz	200 mT	100 ºC	1.800	W/set
400 kHz	50 mT	100 ºC	0.720	W/set

Core **E30/15/7**

Power loss: 3F36				
Measuring conditions			**Max**	**Unit**
500 kHz	50 mT	100 ºC	0.600	W/set
500 kHz	100 mT	100 ºC	4.600	W/set

Bsat					
Measuring conditions			**Material**	**Min**	**Unit**
10 kHz	250 A/m	100 ºC	3C92	370	mT
10 kHz	250 A/m	100 ºC	3C94	320	mT
10 kHz	250 A/m	100 ºC	3C96	340	mT
10 kHz	250 A/m	100 ºC	3F36	340	mT

Accessories		
Ordering name	**Description**	**Ordering code**
CLA-E30/15/7	Clasp	F0MEE03015CLA0000P
CP-E30/15/7-1S	Coil former, termoplastic	F0PEE03015C000100P
CSH-E30/15/7-1S-12P-C	Coil former, termoset, horizontal	F0SEE03015CH00112P
SPR-E30/15/7	Spring	F0MEE03015SPR0000P