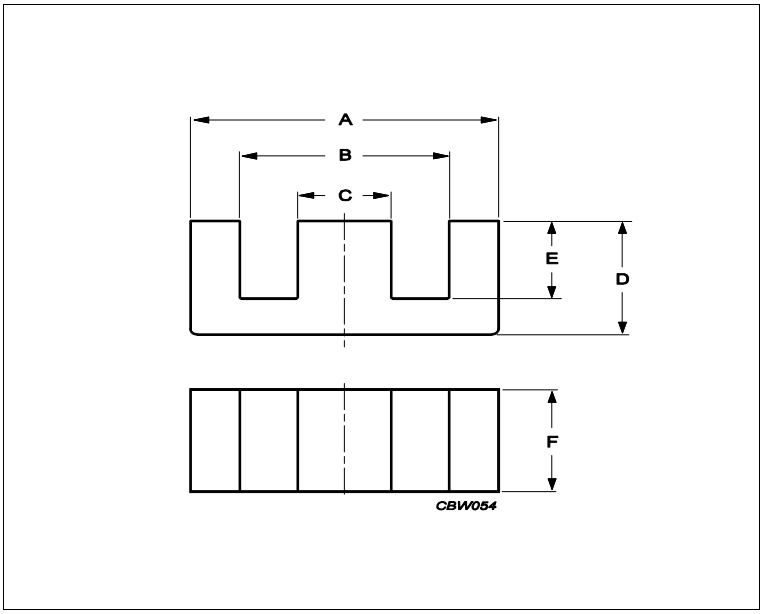
Core **E65/32/27**



Effective parameters			
	Parameter	**Value**	**Unit**
Σ(I/A)	*core factor (C1)*	0.274	mm^{-1}
Ve	*effective volume*	79000	mm^3
Le	*effective length*	147	mm
Ae	*effective area*	540	mm^2
Amin	*minimum area*	530	mm^2
m	*E65/32/27*	≈ 205	g/pcs

Dimensions for product: E65/32/27						
	Nom	**Tol +**	**Tol -**	**Max**	**Min**	**Unit**
A	65.00	1.50	1.20	66.50	63.80	mm
B	44.20	1.80	0.00	46.00	44.20	mm
C	20.00	0.00	0.70	20.00	19.30	mm
D	32.80	0.00	0.60	32.80	32.20	mm
E	22.20	0.80	0.00	23.00	22.20	mm
F	27.40	0.00	0.80	27.40	26.60	mm

Inductance factor				
Material	**Value**	**Tol +**	**Tol -**	**Unit**
3C92	6000	25%	25%	$nH/turns^2$
3C94	8600	25%	25%	$nH/turns^2$
3C95	10600	25%	25%	$nH/turns^2$

Power loss: 3C92				
Measuring conditions			**Max**	**Unit**
100 kHz	200 mT	100 ºC	43.000	W/set
Power loss: 3C94				
Measuring conditions			**Max**	**Unit**
100 kHz	200 mT	100 ºC	43.000	W/set
Power loss: 3C95				
Measuring conditions			**Max**	**Unit**
100 kHz	200 mT	100 ºC	41.000	W/set
100 kHz	200 mT	25 ºC	44.000	W/set

Core **E65/32/27**

Bsat					
Measuring conditions			Material	Min	Unit
25 kHz	250 A/m	100 ºC	3C92	370	mT
25 kHz	250 A/m	100 ºC	3C94	320	mT
25 kHz	250 A/m	100 ºC	3C95	330	mT

Accessories		
Ordering name	Description	Ordering code
CLA-E65/32/27	Clasp	431202126111
CP-E65/32/27-1S	Coil former, termoplastic	431202128723
CP-E65-1S-T	Coil former, termoplastic	432202104521
SPR-E65/32/27	Spring	431202126141