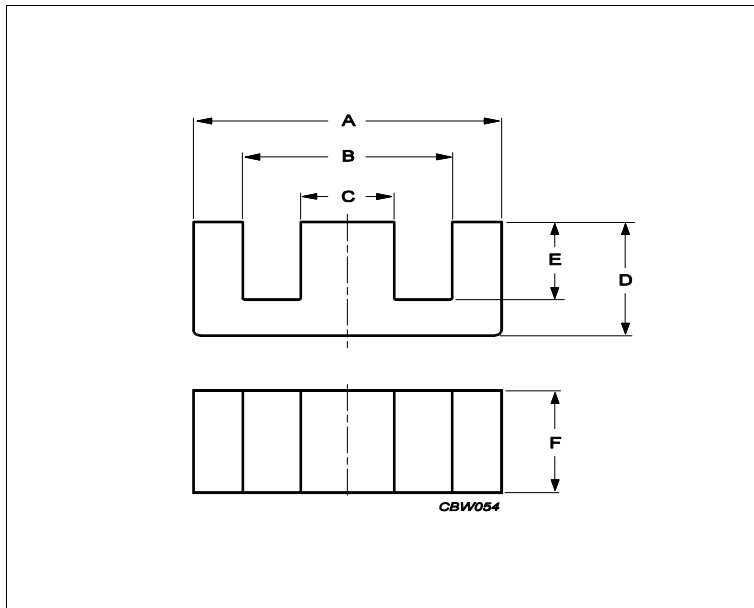


Core **E65/32/27**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	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 °C	43.000	W/set	
Power loss: 3C94					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	43.000	W/set	
Power loss: 3C95					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	41.000	W/set	
100 kHz	200 mT	25 °C	44.000	W/set	

Core **E65/32/27**

Bsat					
Measuring conditions			Material	Min	Unit
25 kHz	250 A/m	100 °C	3C92	370	mT
25 kHz	250 A/m	100 °C	3C94	320	mT
25 kHz	250 A/m	100 °C	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