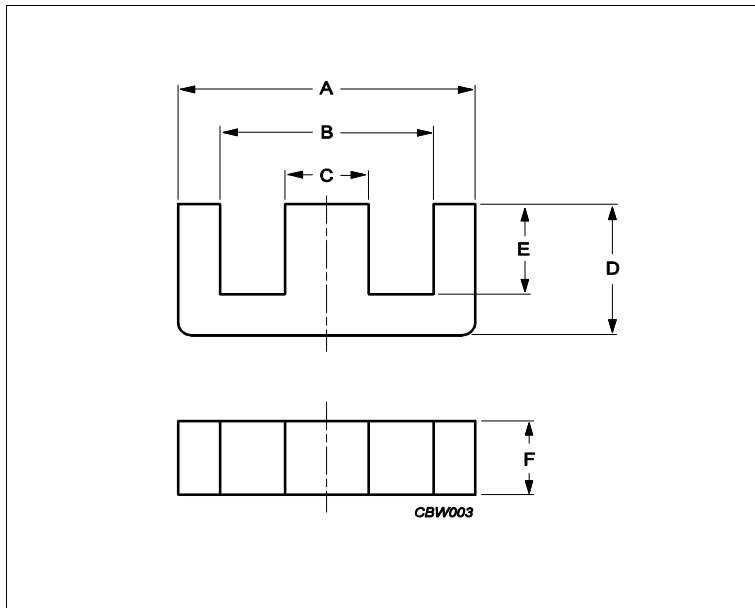


Core **E30/15/7**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	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 °C	2.000	W/set	
Power loss: 3C94					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	2.000	W/set	
Power loss: 3C96					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	1.800	W/set	
400 kHz	50 mT	100 °C	0.720	W/set	

Core **E30/15/7**

Power loss: 3F36

Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	0.600	W/set
500 kHz	100 mT	100 °C	4.600	W/set

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	3C96	340	mT
25 kHz	250 A/m	100 °C	3F36	340	mT

Accessories

Ordering name	Description	Ordering code
CLA-E30/15/7	Clasp	432202120172
CP-E30/15/7-1S	Coil former, termoplastic	431202128553
CSH-E30/15/7-1S-10P-IZ	Coil former, termoset, horizontal	432202106841
CSH-E30/15/7-1S-12P-C	Coil former, termoset, horizontal	432202104101
CSH-E30/15/7-1S-12P-T	Coil former, termoset, horizontal	432202104501
SPR-E30/15/7	Spring	432202120234