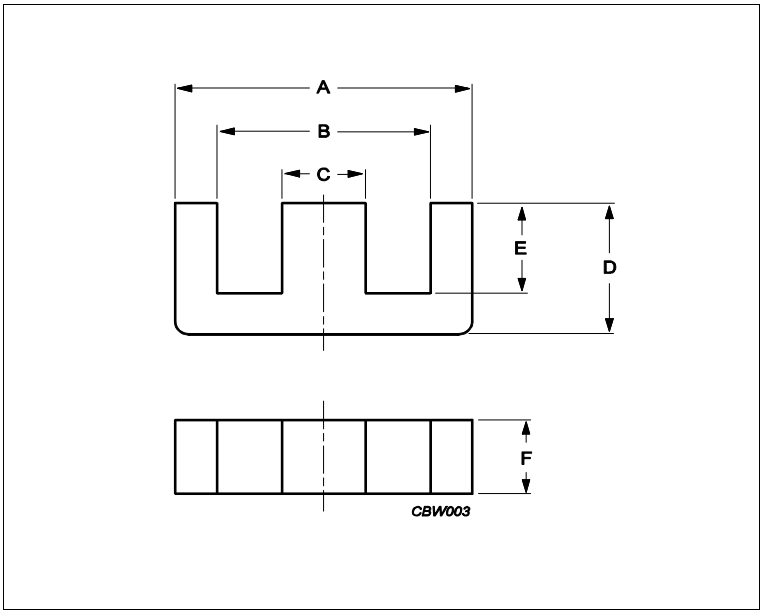
Core **E20/10/6**



Effective parameters			
	Parameter	**Value**	**Unit**
Σ(I/A)	*core factor (C1)*	1.45	mm^{-1}
Ve	*effective volume*	1490	mm^3
Le	*effective length*	46	mm
Ae	*effective area*	32	mm^2
Amin	*minimum area*	32	mm^2
m	*E20/10/6*	≈ 3.7	g/pcs

Dimensions for product: E20/10/6						
	Nom	**Tol +**	**Tol -**	**Max**	**Min**	**Unit**
A	20.00	0.80	0.60	20.80	19.40	mm
B	14.10	0.80	0.00	14.90	14.10	mm
C	5.90	0.00	0.40	5.90	5.50	mm
D	10.20	0.00	0.40	10.20	9.80	mm
E	7.00	0.40	0.00	7.40	7.00	mm
F	5.90	0.00	0.50	5.90	5.40	mm

Inductance factor				
Material	**Value**	**Tol +**	**Tol -**	**Unit**
3C92	1130	25%	25%	$nH/turns^2$
3C94	1450	25%	25%	$nH/turns^2$
3C96	1350	25%	25%	$nH/turns^2$
3F36	1000	25%	25%	$nH/turns^2$

Power loss: 3C92				
Measuring conditions			**Max**	**Unit**
100 kHz	200 mT	100 ºC	0.740	W/set
Power loss: 3C94				
Measuring conditions			**Max**	**Unit**
100 kHz	200 mT	100 ºC	0.740	W/set
Power loss: 3C96				
Measuring conditions			**Max**	**Unit**
100 kHz	200 mT	100 ºC	0.670	W/set
400 kHz	50 mT	100 ºC	0.270	W/set

Core **E20/10/6**

Power loss: 3F36				
Measuring conditions			**Max**	**Unit**
500 kHz	50 mT	100 ºC	0.220	W/set
500 kHz	100 mT	100 ºC	1.700	W/set

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

Accessories		
Ordering name	**Description**	**Ordering code**
CPCI-E20/6-1S-5P-TZ	Coil former, termoplastic, coaxial, inner	432202106771
CPCI-E20/6-1S-5P-UZ	Coil former, termoplastic, coaxial, inner	432202107001
CPCO-E20/6-1S-4P-UZ	Coil former, termoplastic, coaxial, oute	432202106991
CPCO-E20/6-1S-5P-TZ	Coil former, termoplastic, coaxial, oute	432202106781
CPH-E20/10/6-1S-8P	Coil former, termoplastic, horizontal	431202126212
CSH-E20/10/6-1S-8P-C	Coil former, termoset, horizontal	432202104081