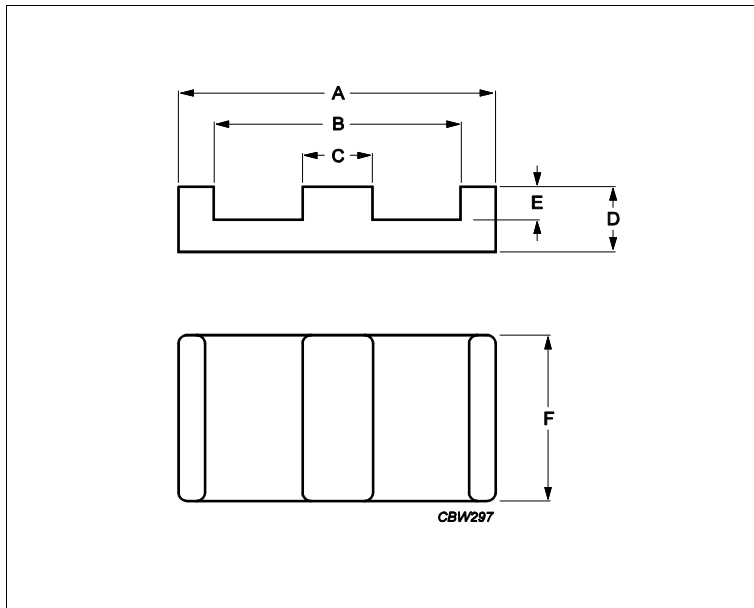


Core **E32/6/20**



Effective parameters				
	Parameter	Value	Unit	
	$\Sigma(I/A)$	core factor (C1)	0.323	mm ⁻¹
	Ve	effective volume	5380	mm ³
	Le	effective length	41.4	mm
	Ae	effective area	130	mm ²
	Amin	minimum area	130	mm ²
	m	E32/6/20	≈ 13	g/pcs

Dimensions for product: E32/6/20

	Nom	Tol +	Tol -	Max	Min	Unit
A	31.75	0.64	0.64	32.39	31.11	mm
B					24.90	mm
C	6.35	0.13	0.13	6.48	6.22	mm
D	6.35	0.13	0.13	6.48	6.22	mm
E	3.18	0.20	0.20	3.38	2.98	mm
F	20.32	0.41	0.41	20.73	19.91	mm

Inductance factor

Material	Value	Tol +	Tol -	Unit
3C92	5000	25%	25%	nH/turns ²
3C95	7690	25%	25%	nH/turns ²
3C96	6425	25%	25%	nH/turns ²
3C97	7690	25%	25%	nH/turns ²
3F36	4200	25%	25%	nH/turns ²
3F4	3200	25%	25%	nH/turns ²

Power loss: 3C92

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	2.700	W/set

Power loss: 3C95

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	2.600	W/set
100 kHz	200 mT	25 °C	2.800	W/set

Core **E32/6/20**

Power loss: 3C96				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	2.400	W/set
400 kHz	50 mT	100 °C	0.970	W/set
Power loss: 3C97				
Measuring conditions			Max	Unit
100 kHz	200 mT	60 °C	2.700	W/set
100 kHz	200 mT	120 °C	2.600	W/set
100 kHz	200 mT	140 °C	3.200	W/set
Power loss: 3F36				
Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	0.810	W/set
500 kHz	100 mT	100 °C	6.200	W/set
Power loss: 3F4				
Measuring conditions			Max	Unit
1000 kHz	30 mT	100 °C	1.600	W/set
3000 kHz	10 mT	100 °C	2.700	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	3C95	330	mT
25 kHz	250 A/m	100 °C	3C96	340	mT
25 kHz	250 A/m	100 °C	3C97	330	mT
25 kHz	250 A/m	100 °C	3F36	340	mT
25 kHz	250 A/m	100 °C	3F4	330	mT