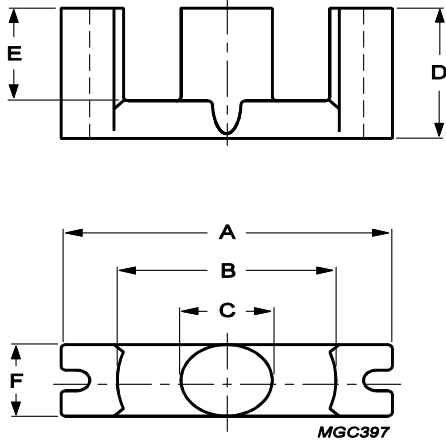


Core **EC52/24/14**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.581	mm ⁻¹
Ve	effective volume	18800	mm ³
Le	effective length	105	mm
Ae	effective area	180	mm ²
Amin	minimum area	141	mm ²
m	EC52/24/14	≈ 56	g/pcs

Dimensions for product: EC52/24/14						
	Nom	Tol +	Tol -	Max	Min	Unit
A	52.20	1.30	1.30	53.50	50.90	mm
B	33.00	0.90	0.90	33.90	32.10	mm
C	13.40	0.35	0.35	13.75	13.05	mm
D	24.20	0.15	0.15	24.35	24.05	mm
E	15.90	0.40	0.40	16.30	15.50	mm
F	13.40	0.35	0.35	13.75	13.05	mm

Inductance factor				
Material	Value	Tol +	Tol -	Unit
3C91	5300	25%	25%	nH/turns ²
3C94	4000	25%	25%	nH/turns ²

Power loss: 3C91				
Measuring conditions			Max	Unit
100 kHz	200 mT	60 °C	9.400	W/set
Power loss: 3C94				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	9.400	W/set

Bsat				
Measuring conditions			Material	Unit
25 kHz	250 A/m	100 °C	3C91	mT
25 kHz	250 A/m	100 °C	3C94	mT

Core **EC52/24/14**

Accessories		
Ordering name	Description	Ordering code
BPL4-EC52-C	Base plate, 4 holes	432202127221
CLM/U-EC52-C	Clump, U shape with thread	432202127211
CP-EC52-1S	Coil former, termoplastic	432202103721
PIN/H-EC	Insertable pins, horizontal	432202103741
PIN/V-EC52	Insertable pins, vertical	433500043031
PIN-EC	Insertable pins	432202103751