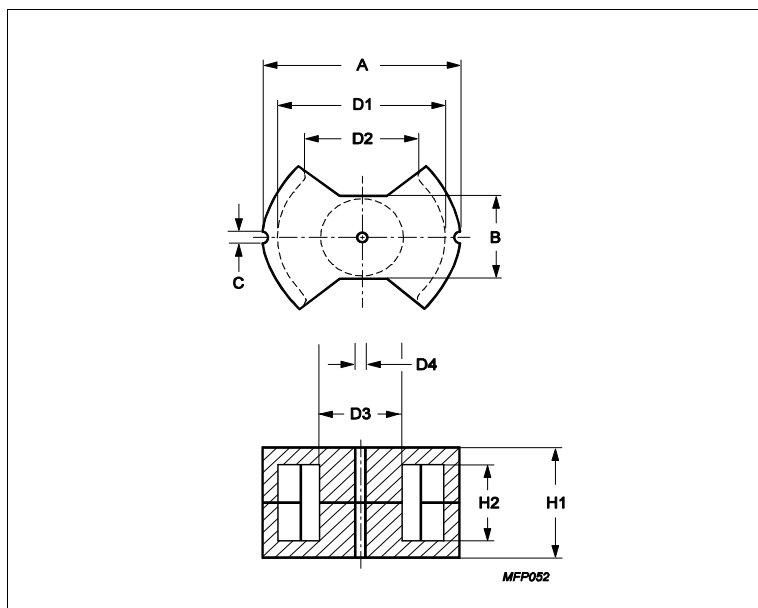


Core **PM87/70**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.161	mm ⁻¹
Ve	effective volume	133000	mm ³
Le	effective length	146	mm
Ae	effective area	910	mm ²
Amin	minimum area	700	mm ²
m	PM87/70	≈ 770	g/set

Dimensions for product: PM87/70						
	Nom	Tol +	Tol -	Max	Min	Unit
A	87.00	0.00	3.00	87.00	84.00	mm
B	35.00	1.00	1.00	36.00	34.00	mm
C	5.00	0.00	0.40	5.00	4.60	mm
D1	67.10	2.10	0.00	69.20	67.10	mm
D2	41.00	1.50	1.50	42.50	39.50	mm
D3	31.70	0.00	1.00	31.70	30.70	mm
D4	8.50	0.30	0.00	8.80	8.50	mm
H1	70.00	0.00	0.80	70.00	69.20	mm
H2	48.00	0.80	0.00	48.80	48.00	mm

Inductance factor				
Material	Value	Tol +	Tol -	Unit
3C94	15000	25%	25%	nH/turns ²

Power loss: 3C94				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	85.000	W/set

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