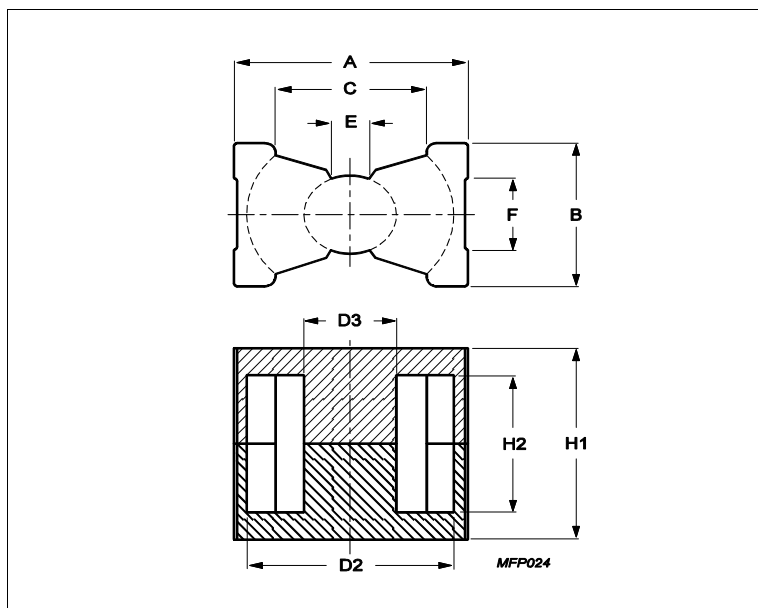


Core **PQ35/20**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.331	mm ⁻¹
Ve	effective volume	11100	mm ³
Le	effective length	60.5	mm
Ae	effective area	183	mm ²
Amin	minimum area	163	mm ²
m	PQ35/20	≈ 47.4	g/set

Dimensions for product: PQ35/20

	Nom	Tol +	Tol -	Max	Min	Unit
A	36.10	0.60	0.60	36.70	35.50	mm
B	26.00	0.50	0.50	26.50	25.50	mm
C					23.50	mm
D2	32.00	0.50	0.50	32.50	31.50	mm
D3	14.40	0.25	0.25	14.65	14.15	mm
E					6.00	mm
F					11.80	mm
H1	20.00	0.25	0.25	20.25	19.75	mm
H2	12.00	0.30	0.30	12.30	11.70	mm

Inductance factor

Material	Value	Tol +	Tol -	Unit
3C94	6800	25%	25%	nH/turns ²
3C95	8750	25%	25%	nH/turns ²
3C96	6100	25%	25%	nH/turns ²
3C97	8200	25%	25%	nH/turns ²
3F36	4200	25%	25%	nH/turns ²
3F46	2600	25%	25%	nH/turns ²

Power loss: 3C94

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	5.500	W/set
Power loss: 3C95				
Measuring conditions			Max	Unit

Core **PQ35/20**

Power loss: 3C95				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	5.300	W/set
100 kHz	200 mT	25 °C	5.800	W/set
Power loss: 3C96				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	5.000	W/set
400 kHz	50 mT	100 °C	2.200	W/set
Power loss: 3C97				
Measuring conditions			Max	Unit
100 kHz	200 mT	60 °C	5.500	W/set
100 kHz	200 mT	120 °C	5.300	W/set
100 kHz	200 mT	140 °C	6.700	W/set
Power loss: 3F36				
Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	1.700	W/set
500 kHz	100 mT	100 °C	13.000	W/set
Power loss: 3F46				
Measuring conditions			Max	Unit
1000 kHz	50 mT	100 °C	8.000	W/set
3000 kHz	10 mT	100 °C	5.600	W/set

Bsat					
Measuring conditions			Material	Min	Unit
25 kHz	250 A/m	100 °C	3C94	320	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	3F46	330	mT