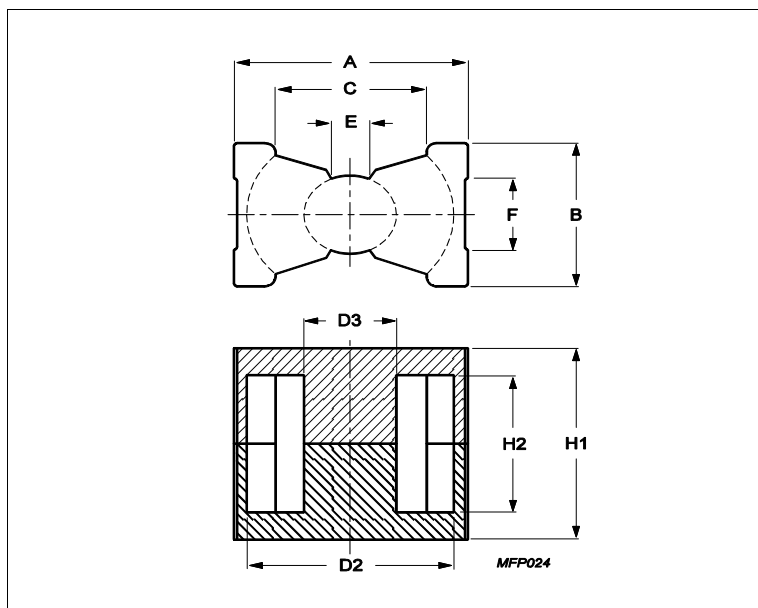


Core **PQ32/35**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.503	mm ⁻¹
Ve	effective volume	13800	mm ³
Le	effective length	83.5	mm
Ae	effective area	166	mm ²
Amin	minimum area	143	mm ²
m	PQ32/35	≈ 63	g/set

Dimensions for product: PQ32/35

	Nom	Tol +	Tol -	Max	Min	Unit
A	33.00	0.50	0.50	33.50	32.50	mm
B	22.00	0.50	0.50	22.50	21.50	mm
C					19.00	mm
D2	27.50	0.50	0.50	28.00	27.00	mm
D3	13.50	0.25	0.25	13.75	13.25	mm
E					5.50	mm
F					11.60	mm
H1	35.00	0.25	0.25	35.25	34.75	mm
H2	26.00	0.30	0.30	26.30	25.70	mm

Inductance factor

Material	Value	Tol +	Tol -	Unit
3C94	4800	25%	25%	nH/turns ²
3C95	6000	25%	25%	nH/turns ²
3C96	4300	25%	25%	nH/turns ²
3C97	6000	25%	25%	nH/turns ²
3F36	2900	25%	25%	nH/turns ²
3F46	1800	25%	25%	nH/turns ²

Power loss: 3C94

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	6.900	W/set

Power loss: 3C95

Measuring conditions			Max	Unit

Core **PQ32/35**

Power loss: 3C95				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	6.600	W/set
100 kHz	200 mT	25 °C	7.200	W/set
Power loss: 3C96				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	6.200	W/set
400 kHz	50 mT	100 °C	2.600	W/set
Power loss: 3C97				
Measuring conditions			Max	Unit
100 kHz	200 mT	60 °C	6.900	W/set
100 kHz	200 mT	120 °C	6.600	W/set
100 kHz	200 mT	140 °C	8.300	W/set
Power loss: 3F36				
Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	2.100	W/set
500 kHz	100 mT	100 °C	16.000	W/set
Power loss: 3F46				
Measuring conditions			Max	Unit
1000 kHz	50 mT	100 °C	9.500	W/set
3000 kHz	10 mT	100 °C	6.400	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