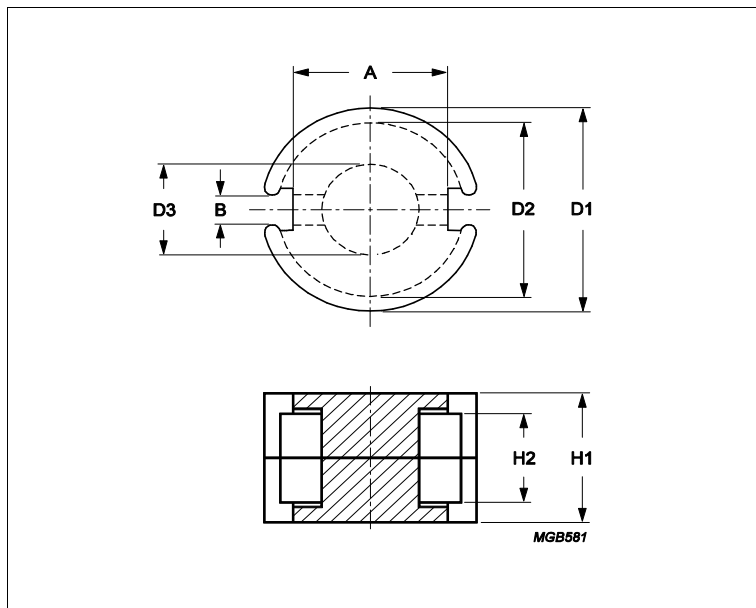


Core **P11/7/I**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.86	mm ⁻¹
Ve	effective volume	309	mm ³
Le	effective length	16.3	mm
Ae	effective area	19	mm ²
Amin	minimum area	13.7	mm ²
m	P11/7/I	≈ 1.9	g/set

Dimensions for product: P11/7/I

	Nom	Tol +	Tol -	Max	Min	Unit
A	6.80	0.25	0.25	7.05	6.55	mm
B	2.20	0.30	0.30	2.50	1.90	mm
D1	11.10	0.20	0.20	11.30	10.90	mm
D2	9.20	0.20	0.20	9.40	9.00	mm
D3	4.60	0.10	0.10	4.70	4.50	mm
H1	6.60	0.15	0.15	6.75	6.45	mm
H2	4.45	0.30	0.00	4.75	4.45	mm

Inductance factor

Material	Value	Tol +	Tol -	Unit
3C91	2100	25%	25%	nH/turns ²
3C95	2100	25%	25%	nH/turns ²
3F36	1400	25%	25%	nH/turns ²
3F46	890	25%	25%	nH/turns ²

Power loss: 3C91

Measuring conditions			Max	Unit
100 kHz	200 mT	60 °C	0.150	W/set

Power loss: 3C95

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	0.150	W/set
100 kHz	200 mT	25 °C	0.160	W/set

Power loss: 3F36

Measuring conditions			Max	Unit
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Core **P11/7/I**

Power loss: 3F36

Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	0.046	W/set
500 kHz	100 mT	100 °C	0.360	W/set

Power loss: 3F46

Measuring conditions			Max	Unit
1000 kHz	50 mT	100 °C	0.120	W/set
3000 kHz	10 mT	100 °C	0.037	W/set

Bsat

Measuring conditions			Material	Min	Unit
25 kHz	250 A/m	100 °C	3C91	320	mT
25 kHz	250 A/m	100 °C	3C95	330	mT
25 kHz	250 A/m	100 °C	3F36	340	mT
25 kHz	250 A/m	100 °C	3F46	330	mT

Accessories

Ordering name	Description	Ordering code
CP-P11/7-1S	Coil former, termoplastic	432202102351
CP-P11/7-1S-A	Coil former, termoplastic	433500026011
CP-P11/7-1S-C	Coil former, termoplastic	432202106741
CP-P11/7-2S-A	Coil former, termoplastic	433500026021