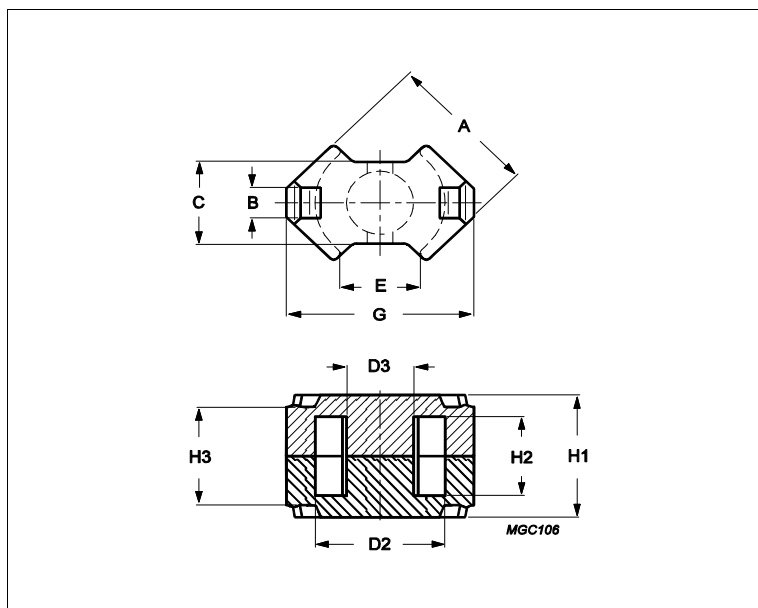


Core **RM14/ILP**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.25	mm ⁻¹
Ve	effective volume	10230	mm ³
Le	effective length	50.9	mm
Ae	effective area	201	mm ²
Amin	minimum area	168	mm ²
m	RM14/ILP	≈ 55	g/set

Dimensions for product: RM14/ILP

	Nom	Tol +	Tol -	Max	Min	Unit
A	34.70	0.00	1.20	34.70	33.50	mm
B	5.60			5.60	5.60	mm
C	19.00	0.00	0.60	19.00	18.40	mm
D2	29.00	1.20	0.00	30.20	29.00	mm
D3	15.00	0.00	0.60	15.00	14.40	mm
E					17.00	mm
G	42.20	0.00	1.40	42.20	40.80	mm
H1	20.50	0.00	0.20	20.50	20.30	mm
H2	11.10	0.60	0.00	11.70	11.10	mm
H3	17.30	0.25	0.25	17.55	17.05	mm

Inductance factor

Material	Value	Tol +	Tol -	Unit
3C94	8400	25%	25%	nH/turns ²
3C95	10100	25%	25%	nH/turns ²
3C96	7700	25%	25%	nH/turns ²
3F36	5400	25%	25%	nH/turns ²
3F4	4200	25%	25%	nH/turns ²

Power loss: 3C94

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	5.100	W/set

Power loss: 3C95

Measuring conditions			Max	Unit
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Core **RM14/ILP**

Power loss: 3C95				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	4.900	W/set
100 kHz	200 mT	25 °C	5.300	W/set
Power loss: 3C96				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	4.600	W/set
400 kHz	50 mT	100 °C	2.100	W/set
Power loss: 3F36				
Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	1.600	W/set
500 kHz	100 mT	100 °C	12.000	W/set
Power loss: 3F4				
Measuring conditions			Max	Unit
1000 kHz	30 mT	100 °C	3.300	W/set
3000 kHz	10 mT	100 °C	5.100	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	3F36	340	mT
25 kHz	250 A/m	100 °C	3F4	330	mT