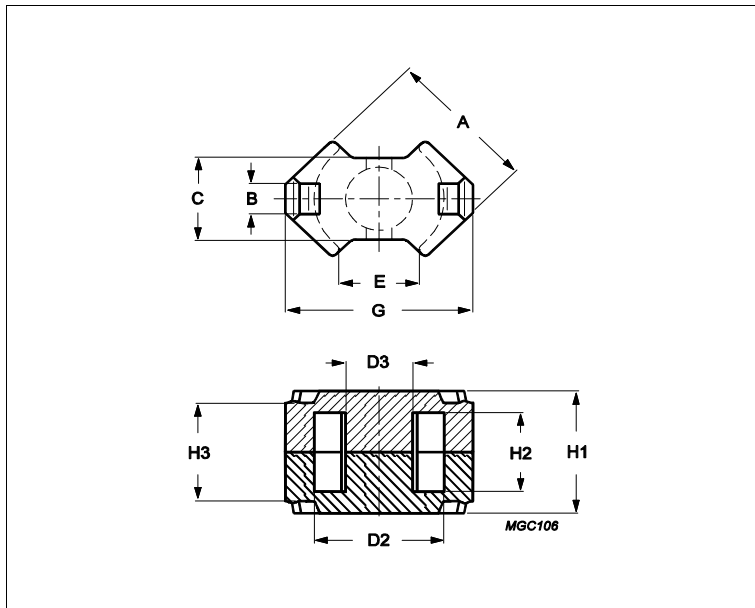


Core **RM12/ILP**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.28	mm ⁻¹
Ve	effective volume	6200	mm ³
Le	effective length	42	mm
Ae	effective area	148	mm ²
Amin	minimum area	125	mm ²
m	RM12/ILP	≈ 35	g/set

Dimensions for product: RM12/ILP						
	Nom	Tol +	Tol -	Max	Min	Unit
A	29.80	0.00	1.10	29.80	28.70	mm
B	5.00			5.00	5.00	mm
C	16.10	0.00	0.50	16.10	15.60	mm
D2	25.00	1.00	0.00	26.00	25.00	mm
D3	12.80	0.00	0.40	12.80	12.40	mm
E					12.90	mm
G	37.40	0.00	1.30	37.40	36.10	mm
H1	16.80	0.00	0.20	16.80	16.60	mm
H2	9.00	0.50	0.00	9.50	9.00	mm
H3	13.80	0.25	0.25	14.05	13.55	mm

Inductance factor				
Material	Value	Tol +	Tol -	Unit
3C94	7100	25%	25%	nH/turns ²
3C95	8470	25%	25%	nH/turns ²
3C96	6700	25%	25%	nH/turns ²
3F36	4700	25%	25%	nH/turns ²
3F4	3600	25%	25%	nH/turns ²

Power loss: 3C94				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	3.100	W/set
Power loss: 3C95				
Measuring conditions			Max	Unit

Core **RM12/ILP**

Power loss: 3C95				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	3.000	W/set
100 kHz	200 mT	25 °C	3.200	W/set
Power loss: 3C96				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	2.800	W/set
400 kHz	50 mT	100 °C	1.100	W/set
Power loss: 3F36				
Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	0.930	W/set
500 kHz	100 mT	100 °C	7.100	W/set
Power loss: 3F4				
Measuring conditions			Max	Unit
1000 kHz	30 mT	100 °C	1.900	W/set
3000 kHz	10 mT	100 °C	3.100	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

Accessories		
Ordering name	Description	Ordering code
CLI-RM12/ILP	Clip	432202107251