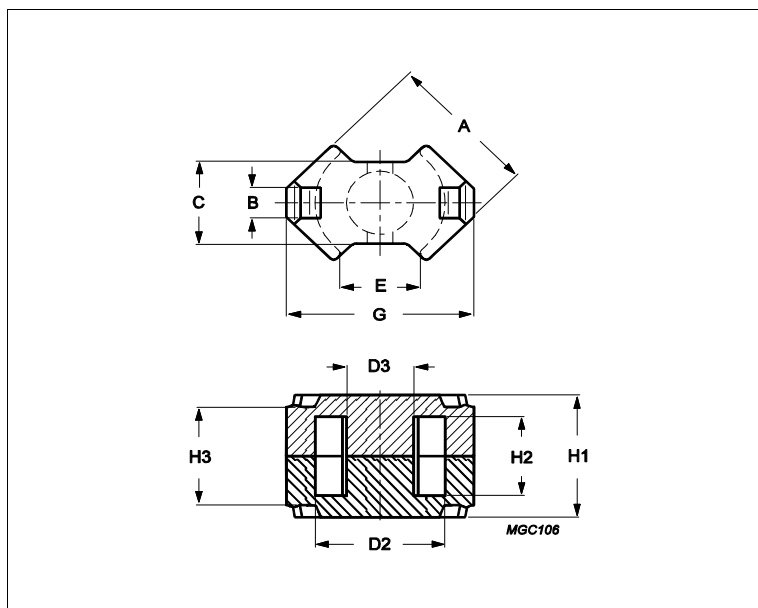


Core **RM10/ILP**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.34	mm ⁻¹
Ve	effective volume	3360	mm ³
Le	effective length	33.9	mm
Ae	effective area	99.1	mm ²
Amin	minimum area	89.1	mm ²
m	RM10/ILP	≈ 17	g/set

Dimensions for product: RM10/ILP

	Nom	Tol +	Tol -	Max	Min	Unit
A	24.70	0.00	1.10	24.70	23.60	mm
B	5.00			5.00	5.00	mm
C	13.50	0.00	0.50	13.50	13.00	mm
D2	21.20	0.90	0.00	22.10	21.20	mm
D3	10.90	0.00	0.40	10.90	10.50	mm
E					10.90	mm
G	28.50	0.00	1.30	28.50	27.20	mm
H1	13.00	0.00	0.20	13.00	12.80	mm
H2	6.70	0.40	0.00	7.10	6.70	mm
H3	10.50	0.25	0.25	10.75	10.25	mm

Inductance factor

Material	Value	Tol +	Tol -	Unit
3C94	5600	25%	25%	nH/turns ²
3C95	7580	25%	25%	nH/turns ²
3C96	5200	25%	25%	nH/turns ²
3D3	2500	25%	25%	nH/turns ²
3F36	3900	25%	25%	nH/turns ²
3F4	3000	25%	25%	nH/turns ²
3H3	5600	25%	25%	nH/turns ²

Power loss: 3C94

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	1.700	W/set

Core **RM10/ILP**

Power loss: 3C95				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	1.600	W/set
100 kHz	200 mT	25 °C	1.700	W/set
Power loss: 3C96				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	1.500	W/set
400 kHz	50 mT	100 °C	0.600	W/set
Power loss: 3F36				
Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	0.500	W/set
500 kHz	100 mT	100 °C	3.900	W/set
Power loss: 3F4				
Measuring conditions			Max	Unit
1000 kHz	30 mT	100 °C	1.000	W/set
3000 kHz	10 mT	100 °C	1.700	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/P-RM10/ILP	Clip, with ground pin	432202101941
CPV-RM10/ILP-1S-12PD	Coil former, termoplastic, vertical	432202101951