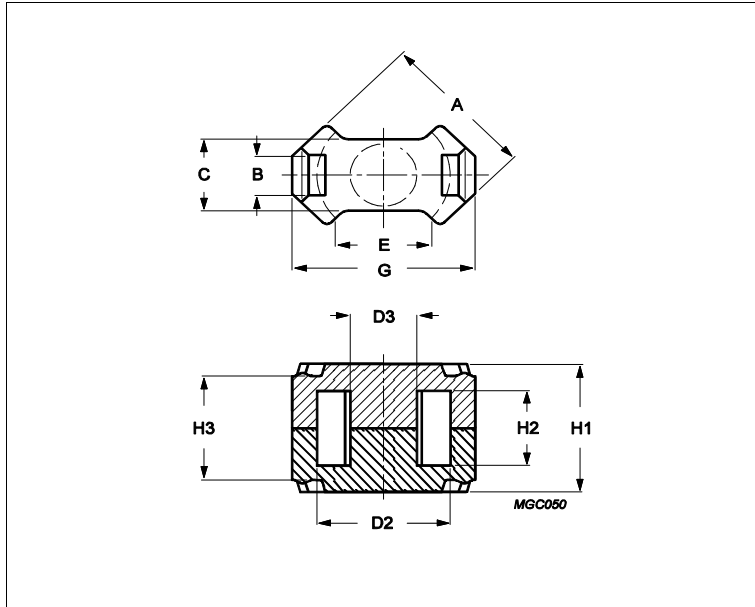


Core **RM5/ILP**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.71	mm ⁻¹
Ve	effective volume	430	mm ³
Le	effective length	17.5	mm
Ae	effective area	24.5	mm ²
Amin	minimum area	18.1	mm ²
m	RM5/ILP	≈ 2.6	g/set

Dimensions for product: RM5/ILP

	Nom	Tol +	Tol -	Max	Min	Unit
A	12.30	0.00	0.50	12.30	11.80	mm
B	2.50			2.50	2.50	mm
C	6.80	0.00	0.40	6.80	6.40	mm
D2	10.20	0.40	0.00	10.60	10.20	mm
D3	4.90	0.00	0.20	4.90	4.70	mm
E					6.00	mm
G	14.60	0.00	0.60	14.60	14.00	mm
H1	7.80	0.00	0.20	7.80	7.60	mm
H2	3.60	0.40	0.00	4.00	3.60	mm
H3	6.40	0.25	0.25	6.65	6.15	mm

Inductance factor

Material	Value	Tol +	Tol -	Unit
3C94	2350	25%	25%	nH/turns ²
3C95	2710	25%	25%	nH/turns ²
3C96	2170	25%	25%	nH/turns ²
3F36	1700	25%	25%	nH/turns ²
3F46	1100	25%	25%	nH/turns ²

Power loss: 3C94

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	0.210	W/set

Power loss: 3C95

Measuring conditions			Max	Unit
----------------------	--	--	-----	------

Core **RM5/ILP**

Power loss: 3C95				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	0.210	W/set
100 kHz	200 mT	25 °C	0.220	W/set
Power loss: 3C96				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	0.190	W/set
400 kHz	50 mT	100 °C	0.077	W/set
Power loss: 3F36				
Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	0.065	W/set
500 kHz	100 mT	100 °C	0.490	W/set
Power loss: 3F46				
Measuring conditions			Max	Unit
1000 kHz	50 mT	100 °C	0.170	W/set
3000 kHz	10 mT	100 °C	0.057	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	3F46	330	mT

Accessories		
Ordering name	Description	Ordering code
CLI-RM4/5/ILP	Clip	432202135091
CSV5-RM5/LP-1S-8P	Coil former, termoset, vertical, SMD	432202102941