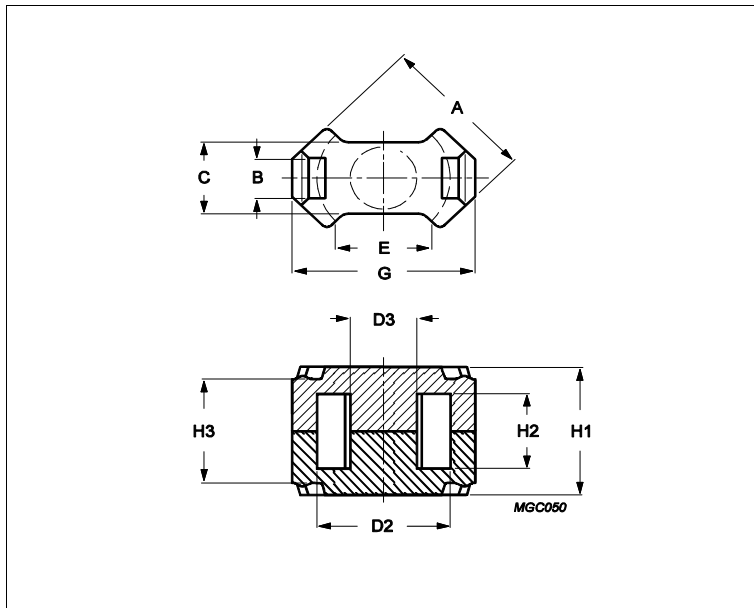


## Core **RM5/I**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.935	mm <sup>-1</sup>
<b>Ve</b>	effective volume	574	mm <sup>3</sup>
<b>Le</b>	effective length	23.2	mm
<b>Ae</b>	effective area	24.8	mm <sup>2</sup>
<b>Amin</b>	minimum area	18.1	mm <sup>2</sup>
<b>m</b>	RM5/I	≈ 3.2	g/set

Dimensions for product: RM5/I

	Nom	Tol +	Tol -	Max	Min	Unit
<b>A</b>	12.30	0.00	0.50	12.30	11.80	mm
<b>B</b>	2.50			2.50	2.50	mm
<b>C</b>	6.80	0.00	0.40	6.80	6.40	mm
<b>D2</b>	10.20	0.40	0.00	10.60	10.20	mm
<b>D3</b>	4.90	0.00	0.20	4.90	4.70	mm
<b>E</b>					6.00	mm
<b>G</b>					14.90	mm
<b>H1</b>	10.40	0.10	0.10	10.50	10.30	mm
<b>H2</b>	6.30	0.40	0.00	6.70	6.30	mm
<b>H3</b>	9.10	0.25	0.25	9.35	8.85	mm

Inductance factor

Material	Value	Tol +	Tol -	Unit
3C94	2000	25%	25%	nH/turns <sup>2</sup>
3C95	2350	25%	25%	nH/turns <sup>2</sup>
3C96	1850	25%	25%	nH/turns <sup>2</sup>
3F36	1400	25%	25%	nH/turns <sup>2</sup>
3F46	870	25%	25%	nH/turns <sup>2</sup>

Power loss: 3C94

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	0.290	W/set

Power loss: 3C95

Measuring conditions			Max	Unit
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## Core **RM5/I**

Power loss: 3C95				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	0.280	W/set
100 kHz	200 mT	25 °C	0.300	W/set
Power loss: 3C96				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	0.260	W/set
400 kHz	50 mT	100 °C	0.100	W/set
Power loss: 3F36				
Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	0.086	W/set
500 kHz	100 mT	100 °C	0.660	W/set
Power loss: 3F46				
Measuring conditions			Max	Unit
1000 kHz	50 mT	100 °C	0.230	W/set
3000 kHz	10 mT	100 °C	0.076	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/P-RM4/5/I	Clip, with ground pin	432202134291
CLI-RM4/5/I	Clip	432202134941
CPV-RM5-1S-8PD-Z	Coil former, termoplastic, vertical	432202106211
CSV-RM5-1S-4P-C	Coil former, termoset, vertical	432202107461
CSV-RM5-1S-4P-IZ	Coil former, termoset, vertical	432202106871
CSV-RM5-1S-6P-G	Coil former, termoset, vertical	432202100851
CSV-RM5-1S-6P-TZ	Coil former, termoset, vertical	432202106231
CSV-RM5-2S-4P-IZ	Coil former, termoset, vertical	432202106881
CSV-RM5-2S-6P	Coil former, termoset, vertical	432202134501
CSV-S-RM5-1S-8P	Coil former, termoset, vertical, SMD	432202102881
CSV-S-RM5-1S-8P-Z	Coil former, termoset, vertical, SMD	432202106361