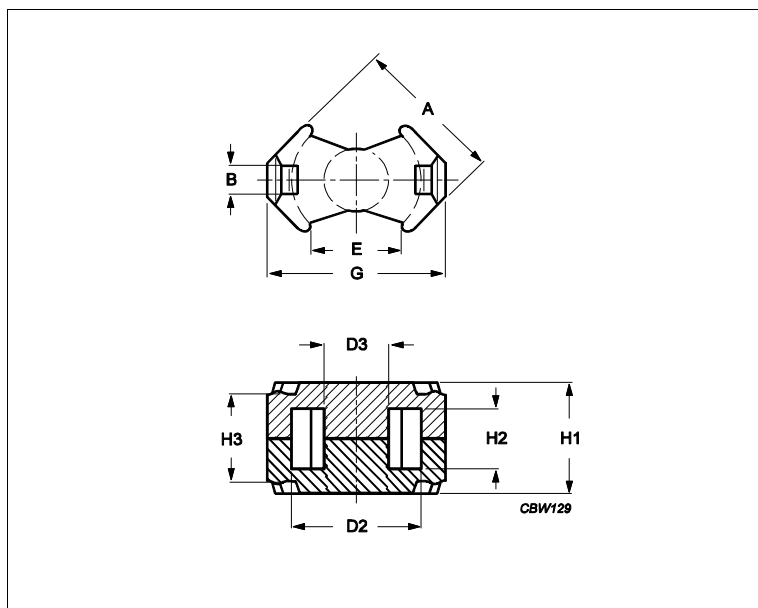


Core **RM7/I**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.68	mm ⁻¹
V_e	effective volume	1325	mm ³
L_e	effective length	30	mm
A_e	effective area	44.1	mm ²
A_{min}	minimum area	39.6	mm ²
m	RM7/I	≈ 7.5	g/set

Dimensions for product: RM7/I						
	Nom	Tol +	Tol -	Max	Min	Unit
A	17.20	0.00	0.70	17.20	16.50	mm
B	3.30			3.30	3.30	mm
D2	14.75	0.60	0.00	15.35	14.75	mm
D3	7.25	0.00	0.30	7.25	6.95	mm
E					9.30	mm
G	20.30	0.00	0.80	20.30	19.50	mm
H1	13.40	0.10	0.10	13.50	13.30	mm
H2	8.40	0.50	0.00	8.90	8.40	mm
H3	11.30	0.25	0.25	11.55	11.05	mm

Inductance factor					
Material	Value	Tol +	Tol -	Unit	
3C95	3700	25%	25%	nH/turns ²	
3F36	2000	25%	25%	nH/turns ²	
3F46	1200	25%	25%	nH/turns ²	

Power loss: 3C95					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	0.640	W/set	
100 kHz	200 mT	25 °C	0.690	W/set	
Power loss: 3F36					
Measuring conditions			Max	Unit	
500 kHz	50 mT	100 °C	0.200	W/set	
500 kHz	100 mT	100 °C	1.500	W/set	

Core **RM7/I**

Power loss: 3F46

Measuring conditions			Max	Unit
1000 kHz	50 mT	100 °C	0.530	W/set
3000 kHz	10 mT	100 °C	0.230	W/set

Bsat

Measuring conditions			Material	Min	Unit
25 kHz	250 A/m	100 °C	3C95	330	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-RM7	Clip, with ground pin	431302103951
CLI-RM7/I	Clip	432202104561
CSV-RM7/I-1S-8P	Coil former, termoset, vertical	432202134631
CSV-RM7-1S-4P-C	Coil former, termoset, vertical	432202104441
CSV-RM7-1S-5P-C	Coil former, termoset, vertical	432202107201
CSV-RM7-1S-8P-C	Coil former, termoset, vertical	432202104571
CSV-RM7-2S-8P-TZ	Coil former, termoset, vertical	432202106761
CSV-S-RM7-1S-8P-Z	Coil former, termoset, vertical, SMD	432202106391