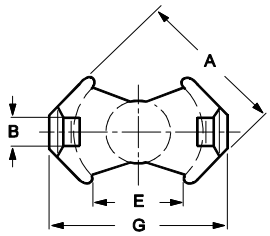
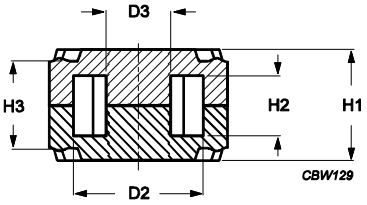
Core **RM7/I**





Effective parameters			
	Parameter	**Value**	**Unit**
Σ(I/A)	*core factor (C1)*	0.68	mm^{-1}
Ve	*effective volume*	1325	mm^3
Le	*effective length*	30	mm
Ae	*effective area*	44.1	mm^2
Amin	*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 ºC	0.640	W/set
100 kHz	200 mT	25 ºC	0.690	W/set
Power loss: 3F36				
Measuring conditions			**Max**	**Unit**
500 kHz	50 mT	100 ºC	0.200	W/set
500 kHz	100 mT	100 ºC	1.500	W/set

Core **RM7/I**

Power loss: 3F46				
Measuring conditions			**Max**	**Unit**
1000 kHz	50 mT	100 ºC	0.530	W/set
3000 kHz	10 mT	100 ºC	0.230	W/set

Bsat					
Measuring conditions			**Material**	**Min**	**Unit**
25 kHz	250 A/m	100 ºC	3C95	330	mT
25 kHz	250 A/m	100 ºC	3F36	340	mT
25 kHz	250 A/m	100 ºC	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
CSVS-RM7-1S-8P-Z	Coil former, termoset, vertical, SMD	432202106391