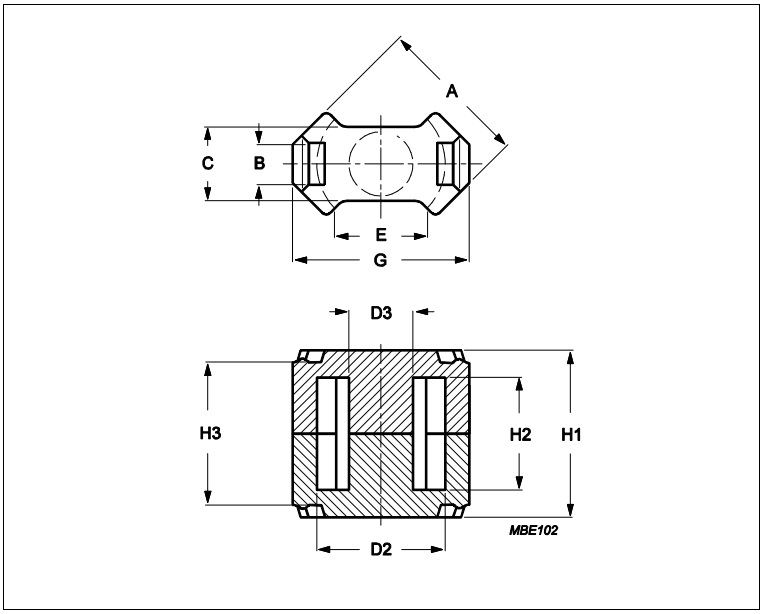
Core **RM4/ILP**



Effective parameters			
	Parameter	**Value**	**Unit**
Σ(I/A)	*core factor (C1)*	1.19	mm^{-1}
Ve	*effective volume*	251	mm^3
Le	*effective length*	17.3	mm
Ae	*effective area*	14.5	mm^2
Amin	*minimum area*	11.3	mm^2
m	*RM4/ILP*	≈ 1.3	g/set

Dimensions for product: RM4/ILP						
	Nom	**Tol +**	**Tol -**	**Max**	**Min**	**Unit**
A	9.80	0.00	0.40	9.80	9.40	mm
B	2.50			2.50	2.50	mm
C	4.60	0.00	0.20	4.60	4.40	mm
D2	7.95	0.40	0.00	8.35	7.95	mm
D3	3.90	0.00	0.20	3.90	3.70	mm
E					5.80	mm
G	11.00	0.00	0.50	11.00	10.50	mm
H1	7.80	0.00	0.20	7.80	7.60	mm
H2	4.30	0.40	0.00	4.70	4.30	mm
H3	6.30	0.25	0.25	6.55	6.05	mm

Inductance factor				
Material	**Value**	**Tol +**	**Tol -**	**Unit**
3C94	1400	25%	25%	$nH/turns^2$
3C95	1610	25%	25%	$nH/turns^2$
3C96	1250	25%	25%	$nH/turns^2$
3F36	1000	25%	25%	$nH/turns^2$
3F46	650	25%	25%	$nH/turns^2$

Power loss: 3C94				
Measuring conditions			**Max**	**Unit**
100 kHz	200 mT	100 ºC	0.130	W/set
Power loss: 3C95				
Measuring conditions			**Max**	**Unit**

Core **RM4/ILP**

Power loss: 3C95				
Measuring conditions			**Max**	**Unit**
100 kHz	200 mT	100 ºC	0.120	W/set
100 kHz	200 mT	25 ºC	0.130	W/set
Power loss: 3C96				
Measuring conditions			**Max**	**Unit**
100 kHz	200 mT	100 ºC	0.110	W/set
400 kHz	50 mT	100 ºC	0.045	W/set
Power loss: 3F36				
Measuring conditions			**Max**	**Unit**
500 kHz	50 mT	100 ºC	0.038	W/set
500 kHz	100 mT	100 ºC	0.290	W/set
Power loss: 3F46				
Measuring conditions			**Max**	**Unit**
1000 kHz	50 mT	100 ºC	0.100	W/set
3000 kHz	10 mT	100 ºC	0.027	W/set

Bsat					
Measuring conditions			**Material**	**Min**	**Unit**
25 kHz	250 A/m	100 ºC	3C94	320	mT
25 kHz	250 A/m	100 ºC	3C95	330	mT
25 kHz	250 A/m	100 ºC	3C96	340	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-RM4/5/ILP	Clip	432202135091
CSVS-RM4/LP-1S-8PL	Coil former, termoset, vertical, SMD	432202103261
CSVS-RM4/LP-1S-8P-Z	Coil former, termoset, vertical, SMD	432202106551