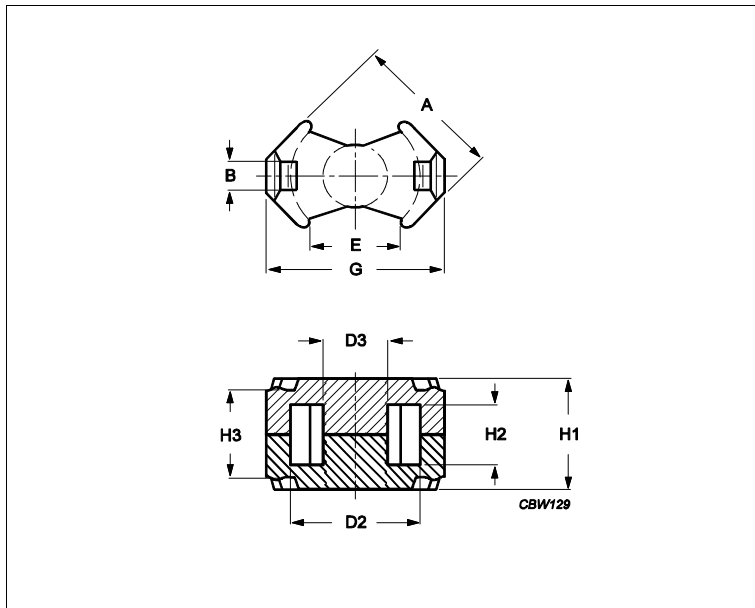


Core **RM7/ILP**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.52	mm ⁻¹
Ve	effective volume	1060	mm ³
Le	effective length	23.5	mm
Ae	effective area	45.3	mm ²
Amin	minimum area	39.6	mm ²
m	RM7/ILP	≈ 6	g/set

Dimensions for product: RM7/ILP						
	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					15.40	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	9.80	0.00	0.20	9.80	9.60	mm
H2	4.70	0.50	0.00	5.20	4.70	mm
H3	7.60	0.25	0.25	7.85	7.35	mm

Inductance factor					
Material	Value	Tol +	Tol -	Unit	
3C95	4400	25%	25%	nH/turns ²	
3F36	2500	25%	25%	nH/turns ²	
3F46	1600	25%	25%	nH/turns ²	

Power loss: 3C95					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	0.510	W/set	
100 kHz	200 mT	25 °C	0.550	W/set	
Power loss: 3F36					
Measuring conditions			Max	Unit	
500 kHz	50 mT	100 °C	0.160	W/set	
500 kHz	100 mT	100 °C	1.200	W/set	

Core **RM7/ILP**

Power loss: 3F46

Measuring conditions			Max	Unit
1000 kHz	50 mT	100 °C	0.420	W/set
3000 kHz	10 mT	100 °C	0.200	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-RM7/ILP	Clip	432202103331