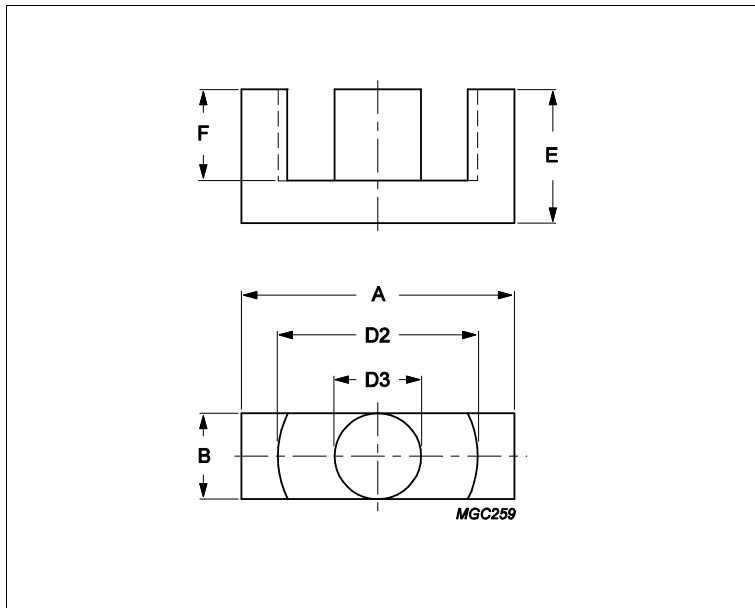


Core **ETD34/17/11**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.81	mm ⁻¹
Ve	effective volume	7640	mm ³
Le	effective length	78.6	mm
Ae	effective area	97.1	mm ²
Amin	minimum area	91.6	mm ²
m	ETD34/17/11	≈ 20	g/pcs

Dimensions for product: ETD34/17/11						
	Nom	Tol +	Tol -	Max	Min	Unit
A	35.00	0.00	1.60	35.00	33.40	mm
B	11.10	0.00	0.60	11.10	10.50	mm
D2	25.60	1.40	0.00	27.00	25.60	mm
D3	11.10	0.00	0.60	11.10	10.50	mm
E	17.30	0.20	0.20	17.50	17.10	mm
F	11.80	0.60	0.00	12.40	11.80	mm

Inductance factor					
Material	Value	Tol +	Tol -	Unit	
3C94	2700	25%	25%	nH/turns ²	
3C95	3270	25%	25%	nH/turns ²	
3C96	2500	25%	25%	nH/turns ²	
3C97	3270	25%	25%	nH/turns ²	
3F36	1800	25%	25%	nH/turns ²	
3F46	1100	25%	25%	nH/turns ²	

Power loss: 3C94					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	3.800	W/set	
Power loss: 3C95					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	3.700	W/set	
100 kHz	200 mT	25 °C	4.000	W/set	

Core **ETD34/17/11**

Power loss: 3C96

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	3.400	W/set
400 kHz	50 mT	100 °C	1.400	W/set

Power loss: 3C97

Measuring conditions			Max	Unit
100 kHz	200 mT	60 °C	3.800	W/set
100 kHz	200 mT	120 °C	3.700	W/set
100 kHz	200 mT	140 °C	4.600	W/set

Power loss: 3F36

Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	1.100	W/set
500 kHz	100 mT	100 °C	8.800	W/set

Power loss: 3F46

Measuring conditions			Max	Unit
1000 kHz	50 mT	100 °C	3.800	W/set
3000 kHz	10 mT	100 °C	2.300	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	3C97	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-ETD34	Clip	432202133892
CPH-ETD34-1S-14P	Coil former, termoplastic, horizontal	432202101641
CPH-ETD34-1S-14P	Coil former, termoplastic, horizontal	432202133852
CSCI-ETD34-1S-7P-T	Coil former, termoset, coaxial, inner	432202104341
CSCO-ETD34-1S-7P-T	Coil former, termoset, coaxial, outer	432202104351