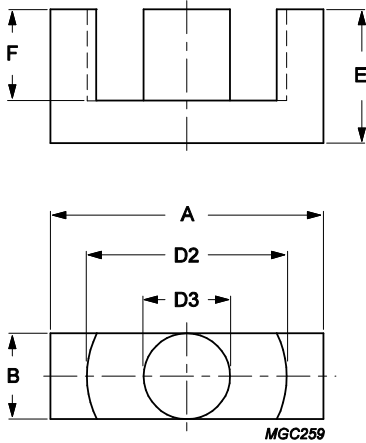




EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

Core **ETD29/16/10**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.947	mm ⁻¹
Ve	effective volume	5470	mm ³
Le	effective length	72	mm
Ae	effective area	76	mm ²
Amin	minimum area	71	mm ²
m	ETD29/16/10	≈ 14	g/pcs

Dimensions for product: ETD29/16/10

	Nom	Tol +	Tol -	Max	Min	Unit
A	30.60	0.00	1.60	30.60	29.00	mm
B	9.80	0.00	0.60	9.80	9.20	mm
D2	22.00	1.40	0.00	23.40	22.00	mm
D3	9.80	0.00	0.60	9.80	9.20	mm
E	15.80	0.20	0.20	16.00	15.60	mm
F	11.00	0.30	0.30	11.30	10.70	mm

Inductance factor

Material	Value	Tol +	Tol -	Unit
3C94	2350	25%	25%	nH/turns ²
3C95	2860	25%	25%	nH/turns ²
3C96	2100	25%	25%	nH/turns ²
3C97	2860	25%	25%	nH/turns ²
3F36	1600	25%	25%	nH/turns ²
3F46	940	25%	25%	nH/turns ²

Power loss: 3C94

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	2.700	W/set

Power loss: 3C95

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	2.600	W/set
100 kHz	200 mT	25 °C	2.800	W/set

Core **ETD29/16/10**

Power loss: 3C96				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	2.500	W/set
400 kHz	50 mT	100 °C	0.980	W/set
Power loss: 3C97				
Measuring conditions			Max	Unit
100 kHz	200 mT	60 °C	2.700	W/set
100 kHz	200 mT	120 °C	2.600	W/set
100 kHz	200 mT	140 °C	3.300	W/set
Power loss: 3F36				
Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	0.820	W/set
500 kHz	100 mT	100 °C	6.300	W/set
Power loss: 3F46				
Measuring conditions			Max	Unit
1000 kHz	50 mT	100 °C	2.400	W/set
3000 kHz	10 mT	100 °C	1.400	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-ETD29	Clip	432202134371
CPH-ETD29-1S-13P	Coil former, termoplastic, horizontal	432202134381
CPH-ETD29-1S-13P-C	Coil former, termoplastic, horizontal	432202107111