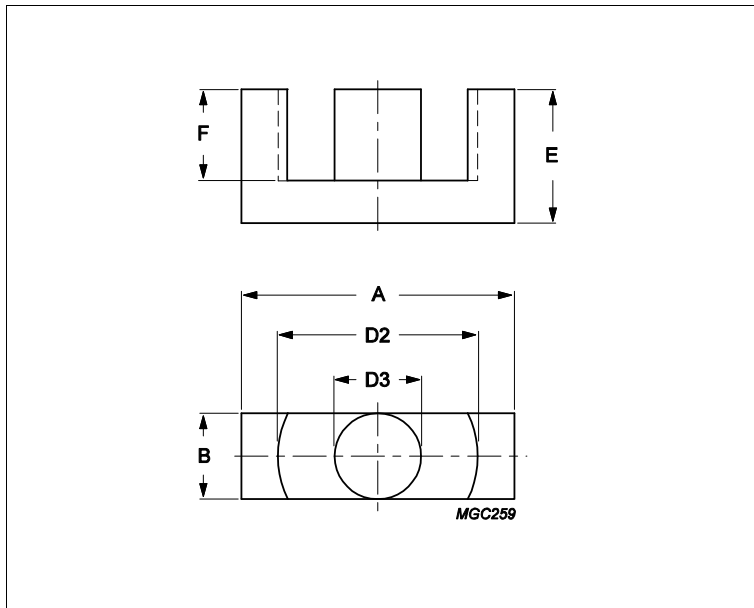


## Core **ETD44/22/15**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.589	mm <sup>-1</sup>
<b>Ve</b>	effective volume	17800	mm <sup>3</sup>
<b>Le</b>	effective length	103	mm
<b>Ae</b>	effective area	173	mm <sup>2</sup>
<b>Amin</b>	minimum area	172	mm <sup>2</sup>
<b>m</b>	ETD44/22/15	≈ 47	g/pcs

Dimensions for product: ETD44/22/15						
	Nom	Tol +	Tol -	Max	Min	Unit
<b>A</b>	45.00	0.00	2.00	45.00	43.00	mm
<b>B</b>	15.20	0.00	0.60	15.20	14.60	mm
<b>D2</b>	32.50	1.60	0.00	34.10	32.50	mm
<b>D3</b>	15.20	0.00	0.60	15.20	14.60	mm
<b>E</b>	22.30	0.20	0.20	22.50	22.10	mm
<b>F</b>	16.10	0.80	0.00	16.90	16.10	mm

Inductance factor					
Material	Value	Tol +	Tol -	Unit	
3C94	3700	25%	25%	nH/turns <sup>2</sup>	
3C95	4640	25%	25%	nH/turns <sup>2</sup>	
3C97	4640	25%	25%	nH/turns <sup>2</sup>	
3F36	2500	25%	25%	nH/turns <sup>2</sup>	

Power loss: 3C94					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	8.900	W/set	
Power loss: 3C95					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	8.500	W/set	
100 kHz	200 mT	25 °C	9.300	W/set	
Power loss: 3C97					
Measuring conditions			Max	Unit	
100 kHz	200 mT	60 °C	8.900	W/set	

## Core **ETD44/22/15**

Power loss: 3C97				
Measuring conditions			Max	Unit
100 kHz	200 mT	120 °C	8.500	W/set
100 kHz	200 mT	140 °C	11.000	W/set

Power loss: 3F36				
Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	2.700	W/set
500 kHz	100 mT	100 °C	20.000	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	3C97	330	mT
25 kHz	250 A/m	100 °C	3F36	340	mT

Accessories		
Ordering name	Description	Ordering code
CLI-ETD44	Clip	432202133912
CPH-ETD44-1S-18P	Coil former, termoplastic, horizontal	432202101661
CPH-ETD44-1S-18P	Coil former, termoplastic, horizontal	432202133872