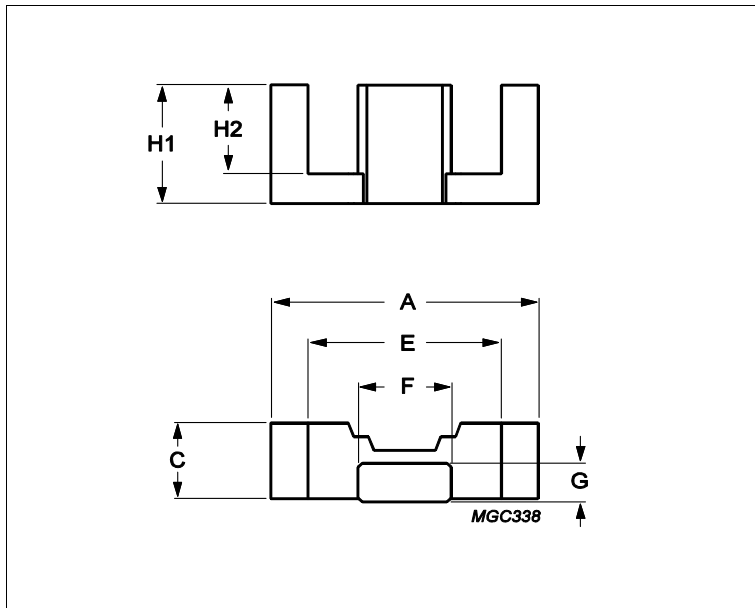


## Core **EFD15/8/5**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	2.27	mm <sup>-1</sup>
<b>Ve</b>	effective volume	510	mm <sup>3</sup>
<b>Le</b>	effective length	34	mm
<b>Ae</b>	effective area	15	mm <sup>2</sup>
<b>Amin</b>	minimum area	12.2	mm <sup>2</sup>
<b>m</b>	EFD15/8/5	≈ 1.4	g/pcs

Dimensions for product: EFD15/8/5						
	Nom	Tol +	Tol -	Max	Min	Unit
<b>A</b>	15.00	0.40	0.40	15.40	14.60	mm
<b>C</b>	4.65	0.15	0.15	4.80	4.50	mm
<b>E</b>	11.00	0.35	0.35	11.35	10.65	mm
<b>F</b>	5.30	0.15	0.15	5.45	5.15	mm
<b>G</b>	2.40	0.10	0.10	2.50	2.30	mm
<b>H1</b>	7.50	0.15	0.15	7.65	7.35	mm
<b>H2</b>	5.50	0.25	0.25	5.75	5.25	mm

Inductance factor					
Material	Value	Tol +	Tol -	Unit	
3C95	1140	25%	25%	nH/turns <sup>2</sup>	
3C96	850	25%	25%	nH/turns <sup>2</sup>	
3F36	650	25%	25%	nH/turns <sup>2</sup>	
3F46	370	25%	25%	nH/turns <sup>2</sup>	

Power loss: 3C95					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	0.240	W/set	
100 kHz	200 mT	25 °C	0.270	W/set	
Power loss: 3C96					
Measuring conditions			Max	Unit	
100 kHz	200 mT	100 °C	0.230	W/set	
400 kHz	50 mT	100 °C	0.092	W/set	

## Core **EFD15/8/5**

Power loss: 3F36				
Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	0.076	W/set
500 kHz	100 mT	100 °C	0.590	W/set
Power loss: 3F46				
Measuring conditions			Max	Unit
1000 kHz	50 mT	100 °C	0.200	W/set
3000 kHz	10 mT	100 °C	0.056	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	3C96	340	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-EFD15	Clip	432202135141
CLM-EFD15	Clamp	432202102001
CPH-EFD15-1S-8PD-Z	Coil former, termoplastic, horizontal	432202106201
CPHS-EFD15-1S-10P	Coil former, termoplastic, horizontal, S	432202102921
CSH-EFD15-1S-8P-IZ	Coil former, termoset, horizontal	432202106821
CSH-EFD15-1S-8PR-TZ	Coil former, termoset, horizontal	432202107301
CSH-EFD15-1S-8P-TZ	Coil former, termoset, horizontal	432202106281
CSHS-EFD15-1S-12P	Coil former, termoset, horizontal, SMD	432202104141
CSHS-EFD15-1S-8P-Z	Coil former, termoset, horizontal, SMD	432202106071
CSHS-EFD15-1S-8P-ZA	Coil former, termoset, horizontal, SMD	432202106081