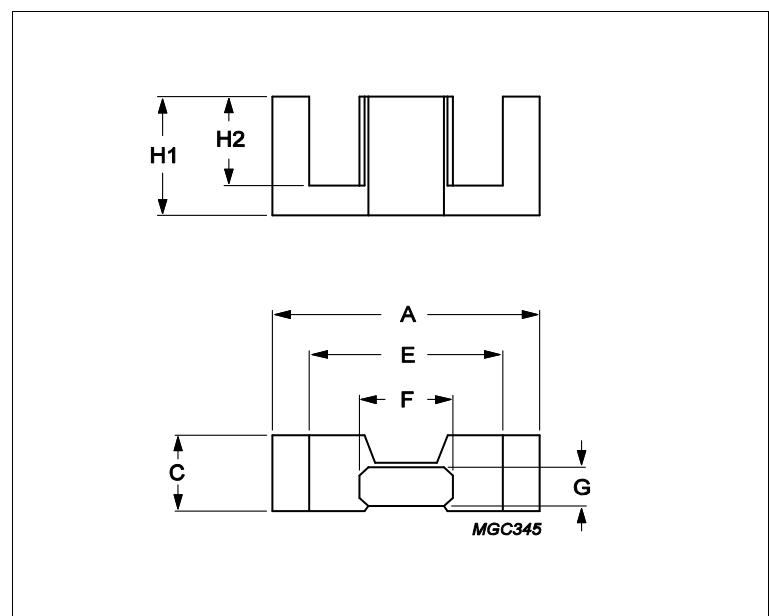


Core

EFD25/13/9



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	1	mm ⁻¹
Ve	effective volume	3300	mm ³
Le	effective length	57	mm
Ae	effective area	58	mm ²
Amin	minimum area	55	mm ²
m	EFD25/13/9	≈ 8	g/pcs

Dimensions for product: EFD25/13/9						
	Nom	Tol +	Tol -	Max	Min	Unit
A	25.00	0.65	0.65	25.65	24.35	mm
C	9.10	0.20	0.20	9.30	8.90	mm
E	18.70	0.60	0.60	19.30	18.10	mm
F	11.40	0.20	0.20	11.60	11.20	mm
G	5.20	0.15	0.15	5.35	5.05	mm
H1	12.50	0.15	0.15	12.65	12.35	mm
H2	9.30	0.25	0.25	9.55	9.05	mm

Inductance factor				
Material	Value	Tol +	Tol -	Unit
3C95	2660	25%	25%	nH/turns ²
3C96	2000	25%	25%	nH/turns ²
3F36	1500	25%	25%	nH/turns ²
3F46	900	25%	25%	nH/turns ²

Power loss: 3C95				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	1.600	W/set
100 kHz	200 mT	25 °C	1.700	W/set
Power loss: 3C96				
Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	1.500	W/set
400 kHz	50 mT	100 °C	0.590	W/set

Core **EFD25/13/9**

Power loss: 3F36				
Measuring conditions			Max	Unit
500 kHz	50 mT	100 °C	0.490	W/set
500 kHz	100 mT	100 °C	3.800	W/set
Power loss: 3F46				
Measuring conditions			Max	Unit
1000 kHz	50 mT	100 °C	1.300	W/set
3000 kHz	10 mT	100 °C	0.710	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-EFD25	Clip	432202135161
CLM-EFD25	Clamp	432202104031
CSH-EFD25-1S-10P-IZ	Coil former, termoset, horizontal	432202106941
CSH-EFD25-1S-10P-TZ	Coil former, termoset, horizontal	432202106301
CSHS-EFD25-1S-12P-TZ	Coil former, termoset, horizontal, SMD	432202106811