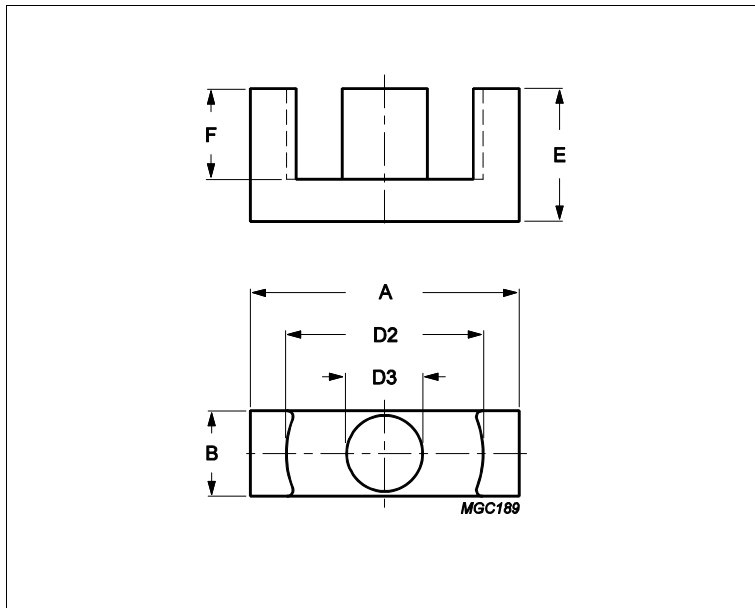


Core **ER48/21/21**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.392	mm ⁻¹
Ve	effective volume	25500	mm ³
Le	effective length	100	mm
Ae	effective area	255	mm ²
Amin	minimum area	248	mm ²
m	ER48/21/21	≈ 64	g/pcs

Dimensions for product: ER48/21/21

	Nom	Tol +	Tol -	Max	Min	Unit
A	48.00	1.00	1.00	49.00	47.00	mm
B	21.00	0.30	0.50	21.30	20.50	mm
D2	38.00	0.50	0.80	38.50	37.20	mm
D3	18.00	0.30	0.30	18.30	17.70	mm
E	21.20	0.00	0.40	21.20	20.80	mm
F	14.70	0.70	0.00	15.40	14.70	mm

Inductance factor

Material	Value	Tol +	Tol -	Unit
3C94	5700	25%	25%	nH/turns ²

Power loss: 3C94

Measuring conditions			Max	Unit
100 kHz	200 mT	100 °C	13.000	W/set

Bsat

Measuring conditions			Material	Min	Unit
25 kHz	250 A/m	100 °C	3C94	320	mT