

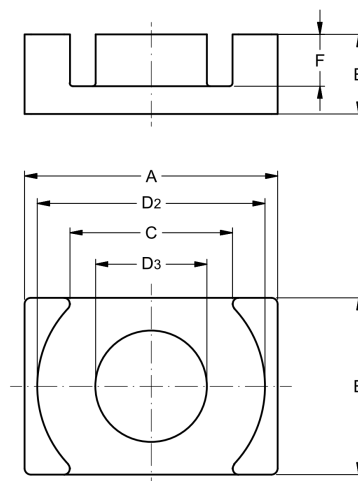
Core type:

EQ13

Selling unit: **PCS**

Product dimensions (mm): EQ13

	Nom	Tol +	Tol -	Max	Min
A	12.80	0.30	0.30	13.10	12.50
B	8.70	0.25	0.25	8.95	8.45
C	9.05	0.30	0.30	9.35	8.75
D2	11.20	0.30	0.30	11.50	10.90
D3	5.00	0.15	0.15	5.15	4.85
E	2.85	0.08	0.08	2.93	2.78
F	1.75	0.13	0.13	1.88	1.63



Effective parameters

Effective area	Minimum area	Effective length	Effective volume	Core factor
Ae = 19.9 [mm ²]	Amin = 19.2 [mm ²]	Le = 17.5 [mm]	Ve = 348 [mm ³]	C1 = 0.911 [mm ⁻¹]

Inductance factor

Material	Value	Tol +	Tol -	Measuring conditions			Unit
3C95	1930	25%	25%	10 kHz	< 0.1 mT	25°C	nH/turns ²
3C96	1600	25%	25%	10 kHz	< 0.1 mT	25°C	nH/turns ²
3F36	1400	25%	25%	10 kHz	< 0.1 mT	25°C	nH/turns ²
3F46	780	25%	25%	10 kHz	< 0.1 mT	25°C	nH/turns ²

Power loss

Material	Symbol	Value	Measuring conditions			Unit
3C95	Pv	< 0.17	100 kHz	200 mT	100°C	W/set
3C95	Pv	< 0.18	100 kHz	200 mT	25°C	W/set
3C96	Pv	< 0.16	100 kHz	200 mT	100°C	W/set
3C96	Pv	< 0.063	400 kHz	50 mT	100°C	W/set
3F36	Pv	< 0.052	500 kHz	50 mT	100°C	W/set
3F36	Pv	< 0.4	500 kHz	100 mT	100°C	W/set
3F46	Pv	< 0.14	1000 kHz	50 mT	100°C	W/set
3F46	Pv	< 0.042	3000 kHz	10 mT	100°C	W/set

Bsat

Material	Symbol	Value	Measuring conditions			Unit
3C95	Bsat	> 330	10 kHz	250 A/m	100°C	mT

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PCS

Bsat						
Material	Symbol	Value	Measuring conditions			Unit
3C96	Bsat	> 340	10 kHz	250 A/m	100°C	mT
3F36	Bsat	> 320	10 kHz	250 A/m	100°C	mT
3F46	Bsat	> 330	10 kHz	250 A/m	100°C	mT