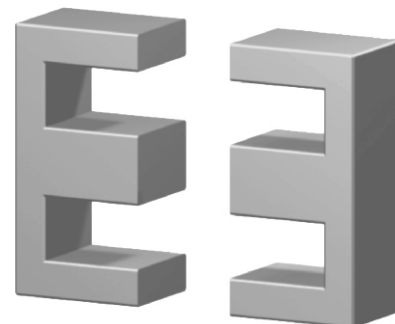
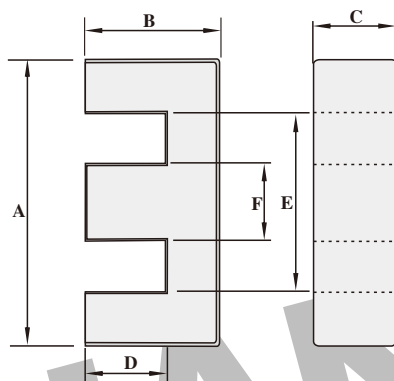


Dimension: (UNIT:mm)

A	20.15 ± 0.55
B	10 ± 0.2
C	5.3-0.4
D	6.5 ± 0.2
E	12.8Min
F	5.2-0.4
G	
H	



Test conditions

AL: F=1.0KHz U=0.3V N=10Ts

Effective parameter

C1(mm) ⁻¹	Ae(mm ²)	Le(mm)	Ve(mm ³)	Weight(g)
1.37	31.9	46.4	1340	≈7.6

Core halves

Clamping force for Al measurements, 20+/-10N

Grade	AL (nH)	μ_e	AIR GAP μm	Type number
P3	63 ± 5%	≈69	≈950	EE20-P3
	100 ± 8%	≈109	≈510	EE20-P3
	160 ± 8%	≈175	≈280	EE20-P3
	250 ± 15%	≈273	≈160	EE20-P3
	315 ± 15%	≈344	≈120	EE20-P3
	1500 ± 25%	≈1640	≈0	EE20-P3
P4	1500 ± 25%	≈1640	≈0	EE20-P4
HQ2KA	1400 ± 25%	≈1530	≈0	EE20-HQ2KA
HQ2K	63 ± 5%	≈69	≈950	EE20-HQ2K
	100 ± 8%	≈109	≈510	EE20-HQ2K
	160 ± 8%	≈175	≈280	EE20-HQ2K
	250 ± 15%	≈273	≈160	EE20-HQ2K
	315 ± 15%	≈344	≈120	EE20-HQ2K
	1400 ± 25%	≈1530	≈0	EE20-HQ2K
P5	1060 ± 25%	≈1160	≈0	EE20-P5

Note:

- 1: Document is the property of FUAN Inc & is not allow to be duplicated without authorization
- 2: RoHS compliant.

Core halves of high permeability grades.

Clamping force for Al measurements, 20+/-10N

Grade	AL (nH)	μ_e	AIR GAP μm	Type number
H5K	2600 ± 25%	≈2840	≈0	EE20-H5K
H7K	3500 ± 25%	≈2870	≈0	EE20-H7K

Properties of core sets under power conditions

Grade	B (mT)at H=250 A/m F=25KHz T=100℃	Core loss (w) at			
		F=25 KHz B=200mT T=100℃	f=100 KHz B=100mT T=100℃	F=100 KHz B=200mT T=100℃	F=400 KHz B=50mT T=100℃
P3	≥330	≤0.15	≤0.17	-	-
P4	≥320	-	≤0.13	≤0.7	-
HQ2KA	≥340	-	≤0.1	≤0.56	-
HQ2K	≥320	-	≤0.16	-	≤0.28
P5	≥300	-	-	-	-

Properties of core sets under power conditions (continued)

Grade	B (mT)at H=250 A/m F=25KHz T=100℃	Core loss (w) at			
		F=500 KHz B=50mT T=100℃	F=500 KHz B=100mT T=100℃	F=1.0MHz B=30mT T=100℃	F=3.0MHz B=10mT T=100℃
P3	≥320	-	-	-	-
P4	≥320	-	-	-	-
HQ2KA	≥340	≤0.5	-	-	-
HQ2K	≥320	-	-	-	-
P5	≥300	≤0.18	≤1.4	-	-