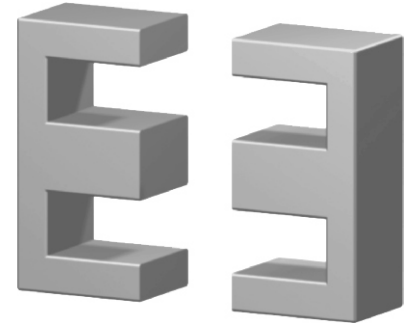
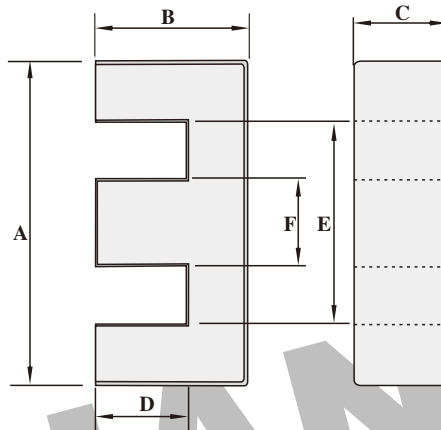


**Dimension: (UNIT:mm)**

A	35 ± 0.5
B	17.5 ± 0.25
C	10 ± 0.3
D	12.5 ± 0.25
E	24.5 Min
F	10 ± 0.3
G	
H	



**Test conditions**

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

**Effective parameter**

C1(mm) <sup>1</sup>	Ae(mm <sup>2</sup> )	Le(mm)	Ve(mm <sup>3</sup> )	Weight(g)
0.807	100	80.7	8070	≈20

Core halves of high permeability grades.  
Clamping force for Al measurements, 40+/-20N

**Core halves**

AL measured in combination with a non-gapped core half,  
clamping force for Al measurements, 40+/-20N  
unless otherwise stated.

Grade	AL (nH)	μe	AIR GAP μm	Type number
H7K	4700 ± 25%	≈3200	≈0	EE35-H7K

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	100 ± 5%	≈ 64	≈ 2000	EE35-P3
	160 ± 5%	≈ 103	≈ 1060	EE35-P3
	250 ± 5%	≈ 161	≈ 590	EE35-P3
	315 ± 5%	≈ 202	≈ 440	EE35-P3
	400 ± 8%	≈ 257	≈ 330	EE35-P3
	630 ± 15%	≈ 405	≈ 180	EE35-P3
	2500 ± 25%	≈ 1610	≈ 0	EE35-P3
P4	1900 ± 25%	≈ 1690	≈ 0	EE35-P4
HQ2KA	1600 ± 25%	≈ 1420	≈ 0	EE35-HQ2KA
HQ2K	100 ± 5%	≈ 89	≈ 1100	EE35-HQ2K
	160 ± 5%	≈ 142	≈ 580	EE35-HQ2K
	250 ± 5%	≈ 222	≈ 330	EE35-HQ2K
	315 ± 5%	≈ 280	≈ 240	EE35-HQ2K
	400 ± 8%	≈ 355	≈ 180	EE35-HQ2K
	630 ± 15%	≈ 560	≈ 100	EE35-HQ2K
	1600 ± 25%	≈ 1420	≈ 0	EE35-HQ2K
P5	1250 ± 25%	≈ 1110	≈ 0	EE35-P5

**Properties of core sets under power conditions**

Grade	B (mT) at H=250 A/m F=25KHz T=100°C	Core loss (w) at			
		F=25 KHz B=200mT T=100°C	f=100 KHz B=100mT T=100°C	F=100 KHz B=200mT T=100°C	F=400 KHz B=50mT T=100°C
P3	≥ 320	≤ 0.56	≤ 0.63	-	-
P4	≥ 320	-	≤ 0.5	≤ 2.9	-
HQ2KA	≥ 340	-	≤ 0.38	≤ 2.3	-
HQ2K	≥ 320	-	≤ 0.62	-	≤ 1.1
P5	≥ 300	-	-	-	-

**Properties of core sets under power conditions (continued)**

Grade	B (mT) at H=250 A/m F=25KHz T=100°C	Core loss (w) at			
		F=500 KHz B=50mT T=100°C	F=500 KHz B=100mT T=100°C	F=1.0MHz B=30mT T=100°C	F=3.0MHz B=10mT T=100°C
P3	≥ 320	-	-	-	-
P4	≥ 320	-	-	-	-
HQ2KA	≥ 340	≤ 2.1	-	-	-
HQ2K	≥ 320	-	-	-	-
P5	≥ 300	≤ 0.75	≤ 5.9	-	-

**Note:**

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