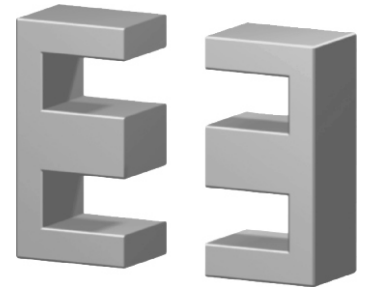
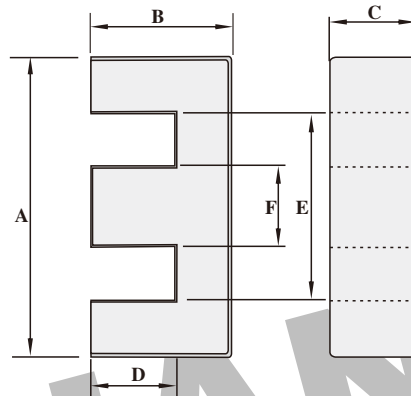


**Dimension: (UNIT:mm)**

A	25.4 ± 0.6
B	9.65 ± 0.2
C	6.35 ± 0.25
D	6.4Min
E	18.8Min
F	6.35±0.25
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)
1.24	39.5	49.0	1930	≈4.8

Core halves of high permeability grades.  
Clamping force for Al measurements, 20+/-10N

**Core halves**

AL measured in combination with a non-gapped core half, clamping force for Al measurements, 20+/-10N unless otherwise stated.

Grade	AL (nH)	μe	AIR GAP μm	Type number
H5K	2500 ± 25%	≈2570	≈0	EE25-H5K
H7K	3200 ± 25%	≈3160	≈0	EE25-H7K

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	63 ± 5%	≈62	≈1240	EE25-P3
	100 ± 8%	≈99	≈660	EE25-P3
	160 ± 8%	≈158	≈360	EE25-P3
	250 ± 15%	≈247	≈210	EE25-P3
	315 ± 15%	≈311	≈160	EE25-P3
	1600 ± 25%	≈1580	≈0	EE25-P3
P4	1600 ± 25%	≈1580	≈0	EE25-P4
HQ2KA	1470 ± 25%	≈1450	≈0	EE25A-HQ2KA
HQ2K	63 ± 5%	≈62	≈1240	EE25-HQ2K
	100 ± 8%	≈99	≈660	EE25-HQ2K
	160 ± 8%	≈158	≈360	EE25-HQ2K
	250 ± 15%	≈247	≈210	EE25-HQ2K
	315 ± 15%	≈311	≈150	EE25-HQ2K
	1470 ± 25%	≈1450	≈0	EE25-HQ2K
P5	1150 ± 25%	≈1140	≈0	EE25-P5

**Properties of core sets under power conditions**

Grade	B (mT)at		Core loss (w) at			
	H=250 A/m F=25KHz T=100°C	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	≥ 330	≤ 0.2	≤ 0.22	-	-	
P4	≥ 330	-	≤ 0.17	≤ 1.0	-	
HQ2KA	≥ 340	-	≤ 0.13	≤ 0.8	-	
HQ2K	≥ 320	-	≤ 0.22	-	≤ 0.38	
P5	≥ 300	-	-	-	-	

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

Grade	B (mT)at		Core loss (w) at			
	H=250 A/m F=25KHz T=100°C	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	≥ 330	-	-	-	-	
P4	≥ 330	-	-	-	-	
HQ2KA	≥ 340	≤ 0.7	-	-	-	
HQ2K	≥ 320	-	-	-	-	
P5	≥ 300	≤ 0.26	≤ 2.0	-	-	

**Note:**

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