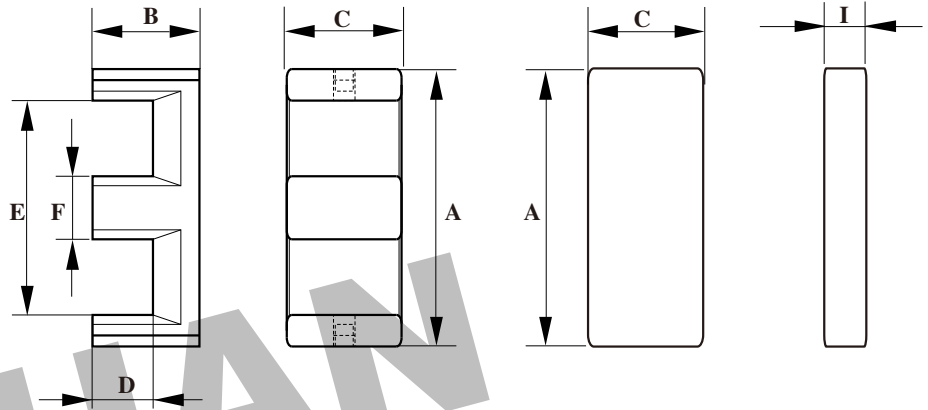


**Dimension: (UNIT:mm)**

A	14.0 ± 0.3
B	3.5 ± 0.1
C	5.0 ± 0.1
D	2.0 ± 0.1
E	11 ± 0.25
F	3.0 ± 0.05
I	1.5 ± 0.05

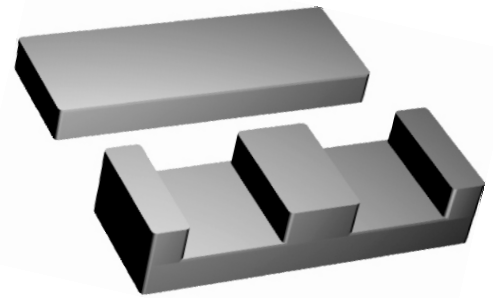


**Test conditions**

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)
1.16	14.5	16.7	240	≈1.22



Core halves for use in combination with a slotted plate (PLT/S)  
AL measured in combination with a slotted plate (PLT/S)  
clamping force for AL measurements, 20+/-10N  
measurement coil as for E14/3.5/5

Grade	AL (nH)	$\mu e$	AIR GAP $\mu m$	Type number
P3	63 ± 3%	≈ 58	≈ 600	PEI14-P3
	100 ± 5%	≈ 92	≈ 300	PEI14-P3
	160 ± 8%	≈ 148	≈ 150	PEI14-P3
	1250 ± 25%	≈ 1380	≈ 0	PEI14-P3
P4	63 ± 3% 100	≈ 58	≈ 600	PEI14-P4
	± 5%	≈ 92	≈ 300	PEI14-P4
	160 ± 8%	≈ 148	≈ 150	PEI14-P4
	1250 ± 25%	≈ 1380	≈ 0	PEI14-P4
HQ2KA	1350 ± 25%	≈ 1240	≈ 0	PEI14-HQ2KA
HQ2K	63 ± 3%	≈ 58	≈ 600	PEI14-HQ2K
	100 ± 5%	≈ 92	≈ 300	PEI14-HQ2K
	160 ± 8%	≈ 148	≈ 150	PEI14-HQ2K
	1300 ± 25%	≈ 1200	≈ 0	PEI14-HQ2K
P5	1150 ± 25%	≈ 970	≈ 0	PEI14-P5
H12K	6400+40/-30%	≈ 5900	≈ 0	PEI14-H12K

**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=100KHz B=100mT T=100°C	f=100 KHz B=200mT T=100°C	F=400 KHz B=50mT T=100°C	F=500 KHz B=50mT T=100°C
P3	≥ 320	≤ 0.026	-	-	-
P4	≥ 320	≤ 0.021	≤ 0.15	-	-
HQ2KA	≥ 340	≤ 0.016	≤ 0.12	≤ 0.045	≤ 0.09
HQ2K	≥ 300	≤ 0.027	-	≤ 0.047	-
P5	≥ 300	-	-	≤ 0.024	≤ 0.035

**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=100mT T=100°C	F=1 Mhz B=30mT T=100°C	F=1.0MHz B=50mT T=100°C	F=3.0MHz B=10mT T=100°C
P3	≥ 320	-	-	-	-
P4	≥ 320	-	-	-	-
HQ2KA	≥ 340	-	-	-	-
HQ2K	≥ 300	-	-	-	-
P5	≥ 300	≤ 0.027	-	-	-

**Note:**

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