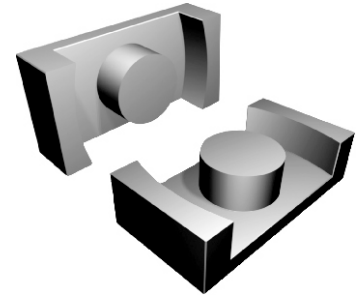
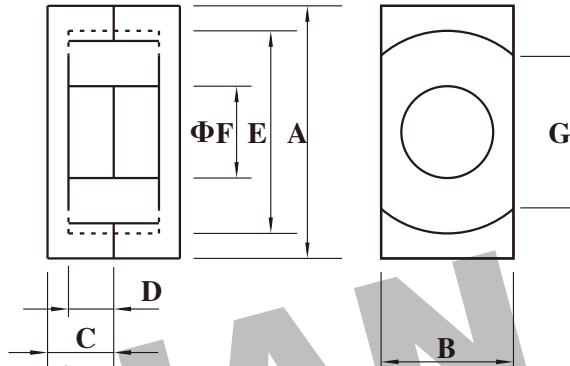


Dimension: (UNIT:mm)

A	9.35 ± 0.15
B	4.9 ± 0.1
C	2.45 ± 0.05
D	1.68 ± 0.08
E	7.5 ± 0.25
F	3.4 ± 0.1
G	7.2 ± 0.1
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)
1.67	8.47	14.2	120	≈0.35

Core sets for general purpose transformers and Power applications.

Clamping force for AI measurements, 10+/-5N.

Grade	AL (nH)	$\mu e$	AIR GAP $\mu m$	Type number
P4	63 ± 3%	≈84	≈200	EER 9.5-P4
	100 ± 5%	≈133	≈120	EER 9.5-P4
	160 ± 8%	≈213	≈70	EER 9.5-P4
	1000 ± 25%	≈1330	≈0	EER 9.5-P4
HQ2KA	900 ± 25%	≈1200	≈0	EER 9.5-HQ2KA
HQ2K	63 ± 3%	≈84	≈200	EER 9.5-HQ2K
	100 ± 5%	≈133	≈120	EER 9.5-HQ2K
	160 ± 8%	≈213	≈70	EER 9.5-HQ2K
	850 ± 25%	≈1130	≈0	EER 9.5-HQ2K
P5	700 ± 25%	≈930	≈0	EER 9.5-P5

Core sets of high permeability grades.  
Clamping force for AI measurements, 10+/-5N

Grade	AL (nH)	$\mu e$	AIR GAP $\mu m$	Type number
H10K	3600+40/-30%	≈4800	≈0	EER 9.5-H10K
H12K	4800+40/-30%	≈6400	≈0	EER 9.5-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=100 KHz 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
P4	≥320	≤0.011	≤0.072	-	-
HQ2KA	≥340	≤0.0085	≤0.058	≤0.018	≤0.045
HQ2K	≥300	≤0.015	-	≤0.025	-
P5	≥300	-	-	≤0.011	≤0.016

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=1 MHz B=30mT T=100°C	F=1.0 MHz B=50mT T=100°C	F=3.0MHz B=10mT T=100°C
P4	≥320	-	-	-	-
HQ2KA	≥340	-	-	-	-
HQ2K	≥300	-	-	-	-
P5	≥300	≤0.13	-	-	-

**Note:**

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