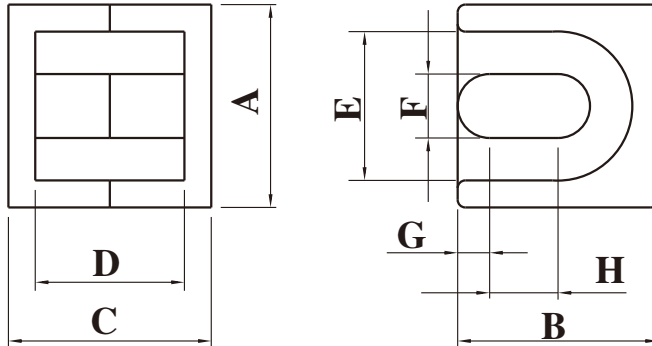


Dimension: (UNIT:mm)

A	9.2 ± 0.2
B	8.8 ± 0.2
C	8.4 ± 0.1
D	5.8 ± 0.2
E	7.4 ± 0.2
F	3.3 ± 0.10
G	1.7 ± 0.1
H	2.3

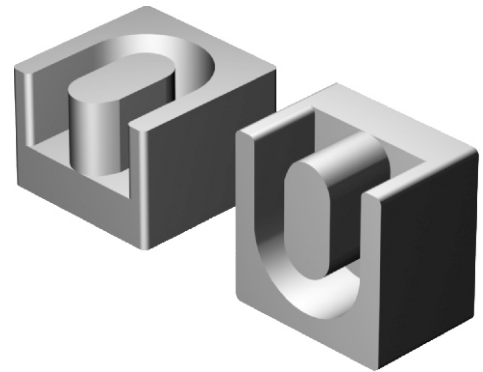


Test conditions

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

Effective parameter

C1(mm) ⁻¹	Ae(mm ²)	Le(mm)	Ve(mm ³)	Weight(g)
1.04	16.4	17.0	279	≈4.6



Core sets for general purpose transformers and power filter applications.

Clamping force for Al measurements, 30+/-10N.

Grade	AL (nH)	μe	AIR GAP μm	Type number
P4	1800 ± 25%	≈ 1490	≈ 0	EPO 8-P4
HQ2KA	1650 ± 25%	≈ 1365	≈ 0	EPO 8-HQ2KA
P5	1300 ± 25%	≈ 1075	≈ 0	EPO 8-P5

Properties under power conditions

Grade	Core loss (w) at				
	B (mT) at H=250 A/m F=10KHz T=100 °C	F=100 KHz B=100mT T=100 °C	f=100 KHz B=200mT T=100 °C	F=500 KHz B=50mT T=100 °C	F=500 KHz B=100mT T=100 °C
P4	≥ 320	≤ 0.022	≤ 0.14	-	-
HQ2KA	≥ 340	≤ 0.017	≤ 0.11	≤ 0.09	-
P5	≥ 300	-	-	≤ 0.032	≤ 0.27

Core sets for filter applications.

Clamping force for Al measurements, 30+/-10N

Grade	AL (nH)	μe	AIR GAP μm	Type number
H10K	63 ± 3%	≈ 52	≈ 440	EPO 8-H10K
	100 ± 3%	≈ 83	≈ 250	EPO 8-H10K
	160 ± 3%	≈ 132	≈ 150	EPO 8-H10K
	250 ± 5%	≈ 207	≈ 90	EPO 8-H10K
	315 ± 5%	≈ 261	≈ 70	EPO 8-H10K
	400 ± 8%	≈ 331	≈ 50	EPO 8-H10K
	7800+40/-30%	≈ 6455	≈ 0	EPO 8-H10K
H12K	8700+40/-30%	≈ 7200	≈ 0	EPO 8-H12K

Note:

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