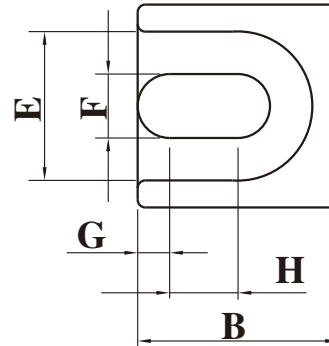
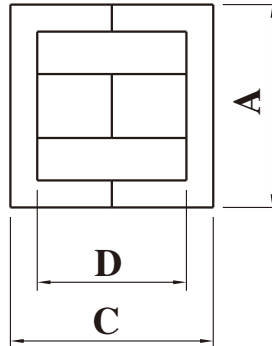


Dimension: (UNIT:mm)

A	11.5 ± 0.3
B	7.65 ± 0.2
C	10.3 ± 0.1
D	7.4 ± 0.2
E	9.3 ± 0.2
F	3.3 ± 0.15
G	1.85 ± 0.1
H	1.4

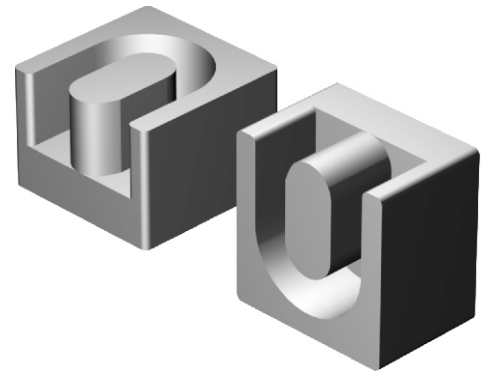


Test conditions

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

Effective parameter

C1(mm) ⁻¹	Ae(mm ²)	Le(mm)	Ve(mm ³)	Weight(g)
1.45	15.0	21.7	325	≈2.5



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	1400 ± 25%	≈ 1620	≈ 0	EPO10-P4
HQ2KA	1250 ± 25%	≈ 1440	≈ 0	EPO10-HQ2KA
P5	950 ± 25%	≈ 1100	≈ 0	EPO10-P5

Properties under power conditions

Grade	Core loss (w) 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	≤0.025	≤0.16		
HQ2KA	≥340	≤0.018	≤0.13	≤0.1	
P5	≥300			≤0.04	≤0.3

Core sets for filter applications.

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

Grade	AL (nH)	μe	AIR GAP μm	Type number
H10K	63 ± 3%	≈ 73	≈ 400	EPO10-H10K
	100 ± 3%	≈ 115	≈ 230	EPO10-H10K
	160 ± 3%	≈ 185	≈ 135	EPO10-H10K
	250 ± 3%	≈ 288	≈ 80	EPO10-H10K
	315 ± 3%	≈ 363	≈ 60	EPO10-H10K
	400 ± 8%	≈ 462	≈ 50	EPO10-H10K
	6000+40/-30%	≈ 6920	≈ 0	EPO10-H10K
H12K	6600+40/-30%	≈ 7620	≈ 0	EPO10-H12K

Note:

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