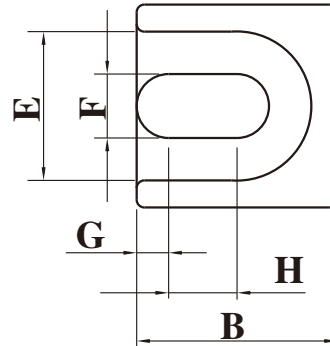
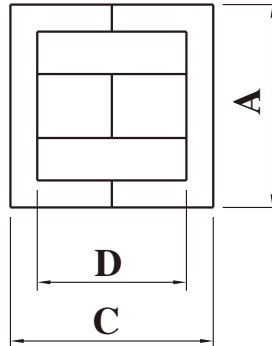


Dimension: (UNIT:mm)

A	9.2 ± 0.2
B	8.8 ± 0.2
C	9.4 ± 0.1
D	6.8 ± 0.2
E	7.4 ± 0.2
F	3.3 ± 0.10
G	1.7 ± 0.1
H	2.3

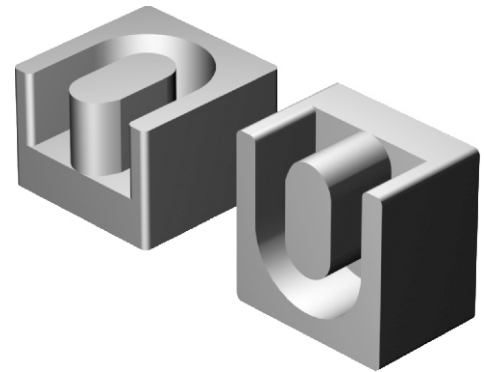


Test conditions

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

Effective parameter

C1(mm) ⁴	Ae(mm ²)	Le(mm)	Ve(mm ³)	Weight(g)
1.15	16.3	18.7	304	≈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	1700 ± 25%	≈ 1560	≈ 0	EPO 9-P4
HQ2KA	1550 ± 25%	≈ 1420	≈ 0	EPO 9-HQ2KA
P5	1200 ± 25%	≈ 1100	≈ 0	EPO 9-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	≤ 0.023	≤ 0.15	-	-
HQ2KA	≥ 340	≤ 0.018	≤ 0.12	≤ 0.1	-
P5	≥ 300	-	-	≤ 0.035	≤ 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%	≈ 58	≈ 440	EPO 9-H10K
	100 ± 3%	≈ 92	≈ 250	EPO 9-H10K
	160 ± 3%	≈ 146	≈ 150	EPO 9-H10K
	250 ± 5%	≈ 229	≈ 90	EPO 9-H10K
	315 ± 5%	≈ 288	≈ 70	EPO 9-H10K
	400 ± 8%	≈ 366	≈ 50	EPO 9-H10K
H12K	7300+40/-30%	≈ 6680	≈ 0	EPO 9-H10K
H12K	8200+40/-30%	≈ 7500	≈ 0	EPO 9-H12K

Note:

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- 2: RoHS compliant.