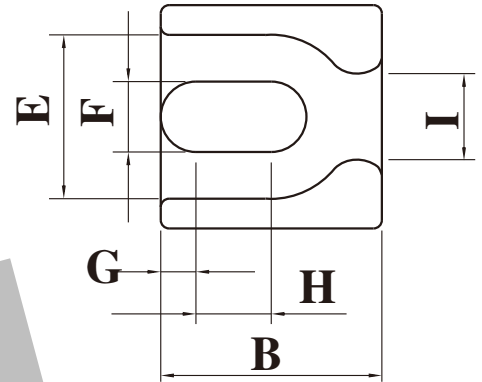
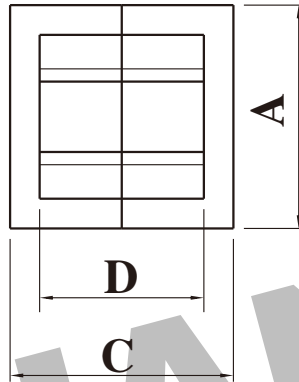


Dimension: (UNIT:mm)

A	11.5 ± 0.3
B	7.65 ± 0.2
C	10.4-0.2
D	7.4 ± 0.2
E	9.3 ± 0.2
F	3.3 ± 0.15
G	1.85 ± 0.1
H	1.4±0.1
I	5.0

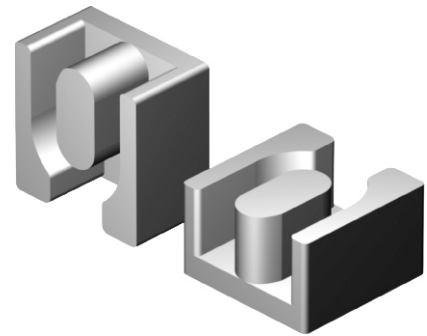


Test conditions

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

Effective parameter

C1(mm) ⁴	Ae(mm ²)	Le(mm)	Ve(mm ³)	Weight(g)
1.45	15.0	21.7	325	≈5.0



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	EPO 10-P4
HQ2KA	1250 ± 25%	≈ 1440	≈ 0	EPO 10-HQ2KA
P5	950 ± 25%	≈ 1100	≈ 0	EPO 10-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	≤ 0.025	≤ 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	≈ 410	EPO 10-H10K
	100 ± 3%	≈ 115	≈ 230	EPO 10-H10K
	160 ± 3%	≈ 185	≈ 135	EPO 10-H10K
	250 ± 5%	≈ 288	≈ 80	EPO 10-H10K
	315 ± 5%	≈ 363	≈ 60	EPO 10-H10K
	400 ± 8%	≈ 462	≈ 50	EPO 10-H10K
H12K	6000+40/-30%	≈ 6920	≈ 0	EPO 10-H10K
H12K	6600+40/-30%	≈ 7620	≈ 0	EPO 10-H12K

Note:

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- 2: RoHS compliant.