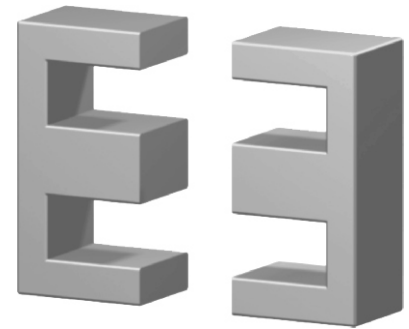
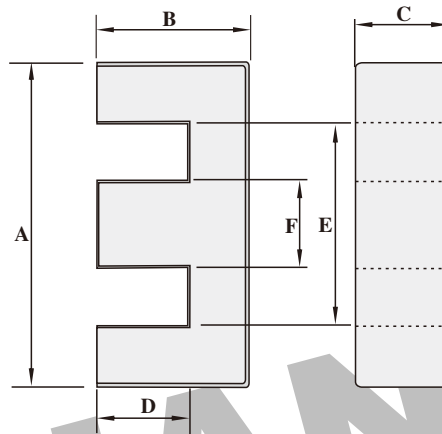


Dimension: (UNIT:mm)

A	25.05 ± 0.75
B	12.55 ± 0.25
C	7.20 ± 0.3
D	8.95 ± 0.25
E	17.5Min
F	7.25 ± 0.25
G	
H	



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)
1.09	52.84	57.50	3038.3	≈7.5

Core halves of high permeability grades.

Clamping force for Al measurements, 20+/-10N

Grade	AL (nH)	μ _e	AIR GAP μ _m	Type number
H5K	3750 ± 25%	≈2780	≈0	EF 25-H5K
H7K	4880 ± 25%	≈3580	≈0	EF 25-H7K

Core halves

Clamping force for Al measurements, 20+/-10N

Grade	AL (nH)	μ _e	AIR GAP μ _m	Type number
P3	63 ± 5%	≈56	≈1740	EF 25-P3
	100 ± 8%	≈99	≈920	EF 25-P3
	160 ± 8%	≈143	≈500	EF 25-P3
	250 ± 15%	≈224	≈280	EF 25-P3
	315 ± 15%	≈282	≈210	EF 25-P3
	2000 ± 25%	≈1700	≈0	EF 25-P3
P4	2000 ± 25%	≈1700	≈0	EF 25-P4
HQ2KA	1650 ± 25%	≈1480	≈0	EF 25-HQ2KA
HQ2K	63 ± 5%	≈56	≈1740	EF 25-HQ2K
	100 ± 8%	≈99	≈920	EF 25-HQ2K
	160 ± 8%	≈143	≈500	EF 25-HQ2K
	250 ± 15%	≈224	≈280	EF 25-HQ2K
	315 ± 15%	≈282	≈210	EF 25-HQ2K
	1650 ± 25%	≈1480	≈0	EF 25-HQ2K
P5	1250 ± 25%	≈1120	≈0	EF 25-P5

Properties of core sets under power conditions

Grade	B (mT)at H=250 A/m F=25KHz T=100℃	Core loss (w) at			
		F=25 KHz B=200mT T=100℃	f=100 KHz B=100mT T=100℃	F=100 KHz B=200mT T=100℃	F=400 KHz B=50mT T=100℃
P3	≥330	≤0.35	≤0.38	-	-
P4	≥320	-	≤0.3	≤1.5	-
HQ2KA	≥340	-	≤0.22	≤1.2	-
HQ2K	≥320	-	≤0.38	-	≤0.65
P5	≥300	-	-	-	-

Properties of core sets under power conditions (continued)

Grade	B (mT)at H=250 A/m F=25KHz T=100℃	Core loss (w) at			
		F=500 KHz B=50mT T=100℃	F=500 KHz B=100mT T=100℃	F=1.0MHz B=30mT T=100℃	F=3.0MHz B=10mT T=100℃
P3	≥320	-	-	-	-
P4	≥320	-	-	-	-
HQ2KA	≥340	≤1.1	-	-	-
HQ2K	≥320	-	-	-	-
P5	≥300	≤0.4	≤3.1	-	-

Note:

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