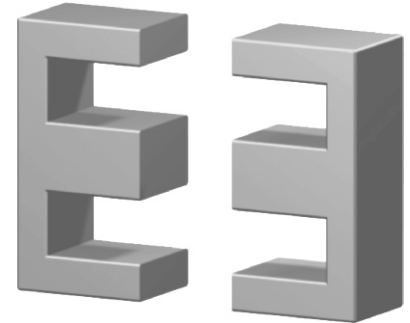
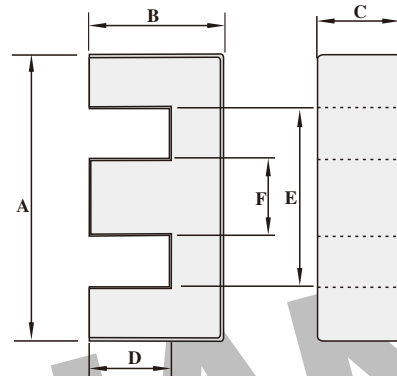


Dimension: (UNIT:mm)

A	20.0 ± 0.3
B	13.7 ± 0.25
C	4.9 ± 0.15
D	11.15 ± 0.15
E	14.3Min
F	4.55±0.2
G	
H	


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)
2.46	25	61.0	1553	≈3.7

 Core halves of high permeability grades.
 AL measured in combination with a non-gapped core half, clamping force for AL measurements, 20+/-10N

Core halves

AL measured in combination with a non-gapped core half, clamping force for AL measurements, 20+/-10N

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	63 ± 5%	≈88	≈640	EEL19-P3
	100 ± 8%	≈140	≈350	EEL19-P3
	160 ± 8%	≈225	≈190	EEL19-P3
	250 ± 15%	≈350	≈110	EEL19-P3
	315 ± 15%	≈440	≈80	EEL19-P3
	800 ± 25%	≈1450	≈0	EEL19-P3
P4	800 ± 25%	≈1450	≈0	EEL19-P4
HQ2KA	840 ± 25%	≈1200	≈0	EEL19-HQ2KA
HQ2K	63 ± 5%	≈88	≈640	EEL19-HQ2K
	100 ± 8%	≈140	≈330	EEL19-HQ2K
	160 ± 8%	≈225	≈190	EEL19-HQ2K
	250 ± 15%	≈350	≈110	EEL19-HQ2K
	315 ± 15%	≈440	≈80	EEL19-HQ2K
	840 ± 25%	≈1200	≈0	EEL19-HQ2K
P5	790 ± 25%	≈940	≈0	EEL19-P5

Grade	AL (nH)	μe	AIR GAP μm	Type number
H7K	2280 ± 25%	≈2930	≈0	EEL19-H7K

Properties of core sets under power conditions

Grade	B (mT) at H=250 A/m F=25KHz T=100°C	Core loss (w) at			
		F=25 KHz B=200mT T=100°C	f=100 KHz B=100mT T=100°C	F=100 KHz B=200mT T=100°C	F=400 KHz B=50mT T=100°C
P3	≥320	≤0.09	≤0.1	-	-
P4	≥320	-	≤0.08	≤0.45	-
HQ2KA	≥340	-	≤0.064	≤0.37	-
HQ2K	≥320	-	≤0.1	-	≤0.17
P5	≥300	-	-	-	-

Properties of core sets under power conditions (continued)

Grade	B (mT) at H=250 A/m F=25KHz T=100°C	Core loss (w) at			
		F=500 KHz B=50mT T=100°C	F=500 KHz B=100mT T=100°C	F=1.0MHz B=30mT T=100°C	F=3.0MHz B=10mT T=100°C
P3	≥320	-	-	-	-
P4	≥320	-	-	-	-
HQ2KA	≥340	≤0.32	-	-	-
HQ2K	≥315	-	-	-	-
P5	≥300	≤0.12	≤0.95	-	-

Note:

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