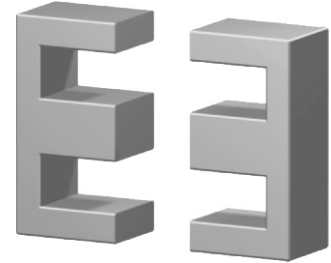
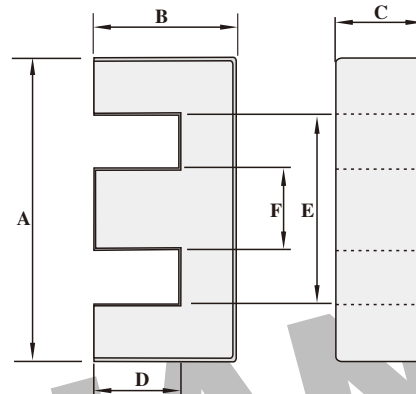


Dimension: (UNIT:mm)

A	16.1 ± 0.6
B	8.05 ± 0.15
C	4.5 ± 0.2
D	5.9 ± 0.2
E	11.3Min
F	4.55 ± 0.15
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)
1.87	20.1	37.6	750	≈2.0

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)	μ e	AIR GAP μ m	Type number
H7K	2200 ± 25%	≈ 3300	≈ 0	EE16/8/5-H7K

Grade	AL (nH)	μ e	AIR GAP μ m	Type number
P3	63 ± 5%	≈ 95	≈ 570	EE16/8/5-P4
	100 ± 8%	≈ 150	≈ 310	EE16/8/5-P4
	160 ± 8%	≈ 240	≈ 170	EE16/8/5-P4
	250 ± 15%	≈ 370	≈ 95	EE16/8/5-P4
	315 ± 15%	≈ 470	≈ 70	EE16/8/5-P4
	1100 ± 25%	≈ 1640	≈ 0	EE16/8/5-P4
P4	1100 ± 25%	≈ 1640	≈ 0	EE16/8/5-P3
P5	63 ± 5%	≈ 95	≈ 570	EE16/8/5-P5
	100 ± 8%	≈ 150	≈ 310	EE16/8/5-P5
	160 ± 8%	≈ 240	≈ 170	EE16/8/5-P5
	250 ± 15%	≈ 370	≈ 95	EE16/8/5-P5
	315 ± 15%	≈ 470	≈ 70	EE16/8/5-P5
	980 ± 25%	≈ 1460	≈ 0	EE16/8/5-P5

Properties of core sets under power conditions

Grade	B (mT) at	Core loss (w) at			
	H=250 A/m F=25KHz T=100°C	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	-	≤ 0.1	≤ 0.1	-
P4	≥ 320	-	≤ 0.075	≤ 0.38	-
P5	≥ 300	-	-	-	-

Properties of core sets under power conditions (continued)

Grade	B (mT) at	Core loss (w) at			
	H=250 A/m F=25KHz T=100°C	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	-	-	-	-
P5	≥ 300	≤ 0.1	≤ 0.8	-	-

Note:

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