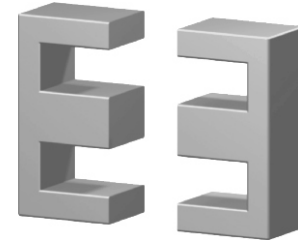
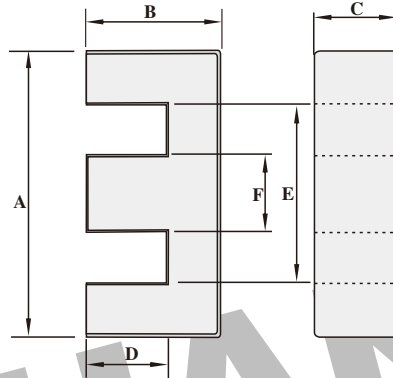


Dimension: (UNIT:mm)

A	6.3-0.25
B	2.85±0.05
C	1.95±0.05
D	1.90±0.05
E	3.70±0.1
F	1.35±0.05
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)
	3.67	3.3	12.2	40.6	≈0.12

Core halves for general purpose transformers and power applications.

Clamping force for Al measurements, 5+/-2N

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	380 ± 25%	≈ 1110	≈ 0	EE6.3-P3
P4	380 ± 25%	≈ 1110	≈ 0	EE6.3-P4
P5	300 ± 25%	≈ 875	≈ 0	EE6.3-P5

Core halves of high permeability grades.

Clamping force for Al measurements, 5+/-2N

Grade	AL (nH)	μe	AIR GAP μm	Type number
H10K	1800±30%	≈ 5000	≈ 0	EE6.3-H10K
H12K	2100±30%	≈ 6180	≈ 0	EE6.3-H12K

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=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	≤ 0.004	≤ 0.025	-
P4	≥ 340	≤ 0.003	≤ 0.02	≤ 0.008
P5	≥ 300	-	-	≤ 0.004

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	≥ 340	≤ 0.015	-	-	-
P5	≥ 300	≤ 0.005	≤ 0.045	≤ 0.012	≤ 0.019

Note:

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