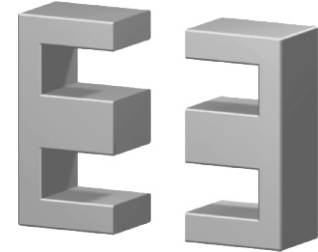
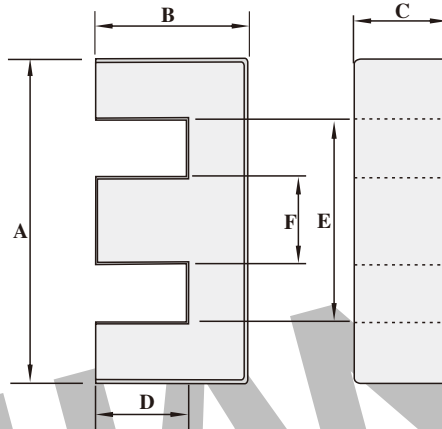


**Dimension: (UNIT:mm)**

A	5.25±0.1
B	2.65±0.06
C	1.95±0.05
D	1.98±0.08
E	3.8Min
F	1.35±0.05
G	
H	



**Test conditions**

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

**Effective parameter**

	C1(mm) <sup>-1</sup>	Ae(mm <sup>2</sup> )	Le(mm)	Ve(mm <sup>3</sup> )	Weight(g)
	4.70	2.66	12.5	33.3	≈0.08

Core halves for general purpose transformers and power applications.

Clamping force for Al measurements, 5±2N

Grade	AL (nH)	$\mu_e$	AIR GAP $\mu\text{m}$	Type number
P3	275 ± 25%	≈ 1030	≈ 0	EE5.3-P3
P4	275 ± 25%	≈ 1030	≈ 0	EE5.3-P4
P5	225 ± 25%	≈ 840	≈ 0	EE5.3-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=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	≤0.003	≤0.02	-
P4	≥320	≤0.0024	≤0.016	≤0.007
P5	≥250	-	-	≤0.003

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	≤0.012	-	-	-
P5	≥250	≤0.004	≤0.035	≤0.009	≤0.015

**Note:**

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