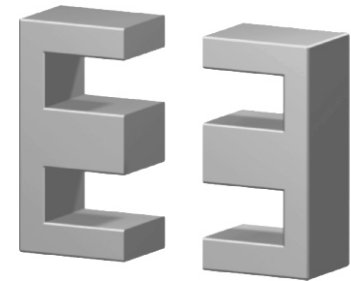
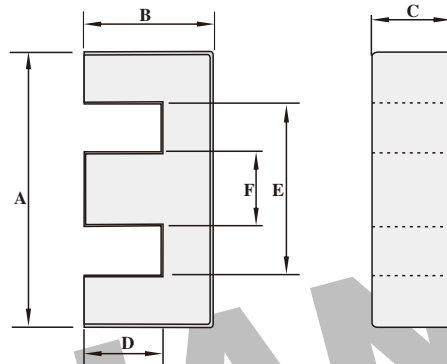


Dimension: (UNIT:mm)

A	12.0 ± 0.15
B	3.2 ± 0.1
C	6.5 ± 0.1
D	1.8 ± 0.1
E	8.9 ± 0.15
F	3.1 ± 0.1
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)
	0.92	19.18	17.6	337.57	≈0.9

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	2100±25%	≈1525	≈0	EE12-P3
P4	2100±25%	≈1525	≈0	EE12-P4

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	≤0.05	≤0.05	
P4	≥320		≤0.04	≤0.2

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				

Note:

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- 2: RoHS compliant.