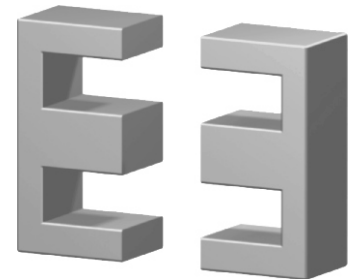
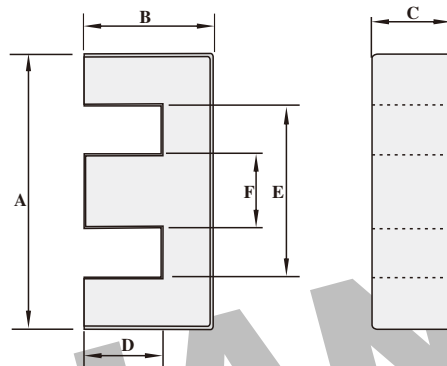


Dimension: (UNIT:mm)

A	85.0 ± 1.2
B	43.5 ± 0.5
C	26.0 ± 0.6
D	26.4 ± 0.6
E	56Min
F	30.5 ± 0.5
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)
	0.27	686.0	196.3	145320	≈350

Core halves for general purpose transformers and power applications.

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

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	7500±25%		≈0	EE85B-P3
P4	7500±25%		≈0	EE85B-P4

Properties of core sets under power conditions

Grade	B (mT) at	Core loss (w) at		
	H=250 A/m F=25KHz T=100℃	f=100 KHz B=100mT T=100℃	f=100 KHz B=200mT T=100℃	F=400 KHz B=50mT T=100℃
P3	≥320	≤3.6	≤3.6	
P4	≥320		≤3.6	≤3.6

Note:

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- 2: RoHS compliant.