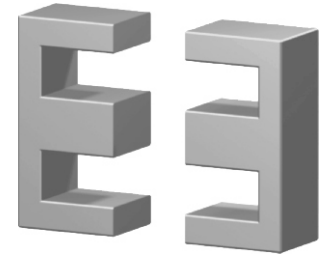
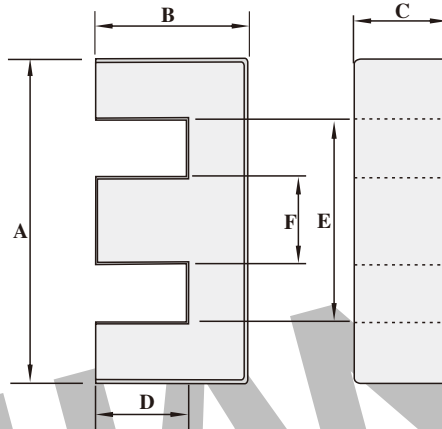


Dimension: (UNIT:mm)

A	5.25±0.1
B	2.66±0.07
C	1.95±0.05
D	1.98±0.07
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) ⁻¹	Ae(mm ²)	Le(mm)	Ve(mm ³)	Weight(g)
	4.70	2.66	12.5	33.3	≈0.07

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	280 ± 25%	≈ 1120	≈ 0	EE5-P3
P4	280 ± 25%	≈ 1030	≈ 0	EE5-P4
P5	250 ± 25%	≈ 840	≈ 0	EE5-P5

Core halves of high permeability grades.

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

Grade	AL (nH)	μe	AIR GAP μm	Type number
H10K	980MIN	≈ 5240	≈ 0	EE5-H10K
H12K	1080MIN	≈ 5980	≈ 0	EE5-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	≤ 0.003	≤ 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:

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- 2: RoHS compliant.