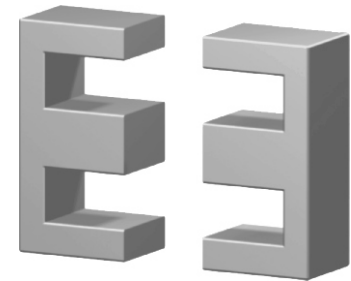
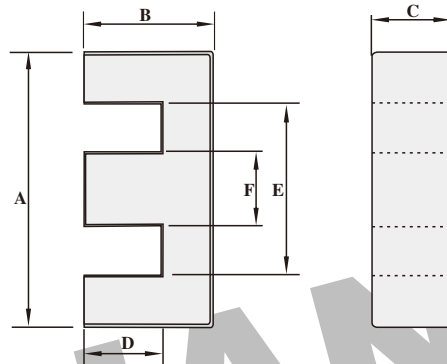


**Dimension: (UNIT:mm)**

A	10.2 ± 0.2
B	5.7 ± 0.1
C	4.75 ± 0.15
D	4.2 ± 0.15
E	7.7Min
F	2.45 ± 0.15
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)
	2.13	12.0	26.0	323	≈0.8

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	940 ± 25%	≈ 1580	≈ 0	EE10-P3
P4	940 ± 25%	≈ 1350	≈ 0	EE10-P4
P5	750 ± 25%	≈ 1150	≈ 0	EE10-P5

Properties of core sets under power conditions

Grade	B (mT)at H=250 A/m F=25KHz T=100°C	Core loss (w) at		
		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	≤ 0.005	≤ 0.029	-
P4	≥ 340	≤ 0.004	≤ 0.025	≤ 0.011
P5	≥ 300	-	-	≤ 0.005

Core halves of high permeability grades.

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

Grade	AL (nH)	μe	AIR GAP μm	Type number
H5K	1500 ± 25%	≈ 2330	≈ 0	EE10-H5K
H6K	1600 ± 25%	≈ 2560	≈ 0	EE10-H6K
H7K	1750 ± 25%	≈ 2830	≈ 0	EE10-H7K
H10K	4190 ± 25%	≈ 3210	≈ 0	EE10-H10K

Properties of core sets under power conditions (continued)

Grade	B (mT)at H=250 A/m F=25KHz T=100°C	Core loss (w) at			
		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	≤ 0.024	-	-	-
P5	≥ 300	≤ 0.009	≤ 0.065	≤ 0.018	≤ 0.026

**Note:**

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- 2: RoHS compliant.