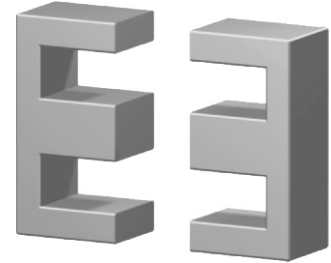
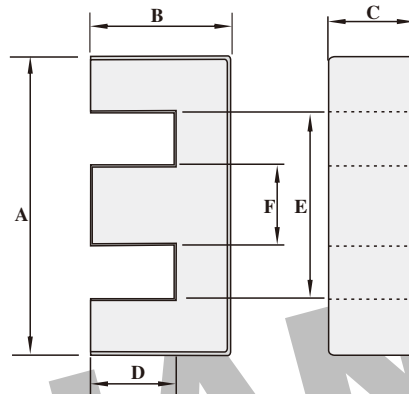


**Dimension: (UNIT:mm)**

A	16.0±0.3
B	7.3±0.2
C	4.8±0.2
D	5.2±0.1
E	11.7Min
F	4.0±0.2
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)
1.81	19.49	35.23	686.55	≈1.6

Core halves of high permeability grades.  
AL measured in combination with a non-gapped core half, clamping force for AL measurements, 20+/-10N

**Core halves**

AL measured in combination with a non-gapped core half, clamping force for AL measurements, 20+/-10N

Grade	AL (nH)	μe	AIR GAP μm	Type number
H7K	2700 ± 25%	≈ 3300	≈ 0	EE16-H7K

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	63 ± 5%	≈ 95	≈ 570	EE16-P3
	100 ± 8%	≈ 150	≈ 310	EE16-P3
	160 ± 8%	≈ 240	≈ 170	EE16-P3
	250 ± 15%	≈ 370	≈ 95	EE16-P3
	315 ± 15%	≈ 470	≈ 70	EE16-P3
	1240 ± 25%	≈ 1640	≈ 0	EE16-P3
P4	1240 ± 25%	≈ 1640	≈ 0	EE16-P4
P5	63 ± 5%	≈ 95	≈ 570	EE16-P5
	100 ± 8%	≈ 150	≈ 310	EE16-P5
	160 ± 8%	≈ 240	≈ 170	EE16-P5
	250 ± 15%	≈ 370	≈ 95	EE16-P5
	315 ± 15%	≈ 470	≈ 70	EE16-P5
	1050 ± 25%	≈ 1460	≈ 0	EE16-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=25 KHz B=200mT 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
P4	≥ 370	-	≤ 0.05	≤ 0.25	-
P3	≥ 320	-	≤ 0.07	≤ 0.3	-
P5	≥ 300	-	-	-	-

**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	≤ 0.26	-	-	-
P5	≥ 300	≤ 0.09	≤ 0.7	-	-

**Note:**

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- 2: RoHS compliant.