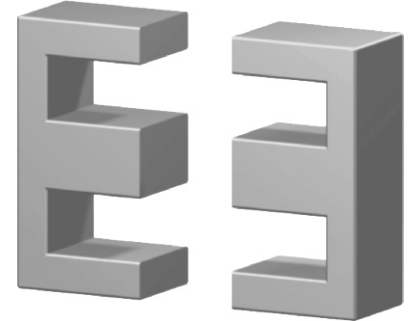
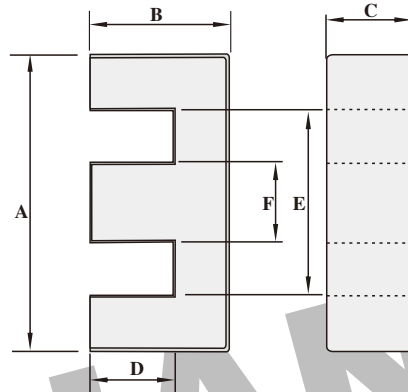


**Dimension: (UNIT:mm)**

A	19.05 ± 0.38
B	8.05 ± 0.13
C	8.71 ± 0.13
D	5.69 ± 0.13
E	14.33 ± 0.3
F	4.75 ± 0.13
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)
0.96	41.3	39.9	1650	≈4.0

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	4250 ± 25%	≈3270	≈0	EE19/8/9-H7K

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	63 ± 5%	≈48	≈1300	EE19/8/9-P3
	100 ± 8%	≈77	≈700	EE19/8/9-P3
	160 ± 8%	≈123	≈380	EE19/8/9-P3
	250 ± 15%	≈192	≈220	EE19/8/9-P3
	315 ± 15%	≈240	≈170	EE19/8/9-P3
P4	2150 ± 25%	≈2100	≈0	EE19/8/9-P4
	2150 ± 25%	≈2100	≈0	EE19/8/9-P4
HQ2KA	1830 ± 25%	≈1410	≈0	EE19/8/5-HQ2KA
HQ2K	63 ± 5%	≈48	≈1300	EE19/8/9-HQ2K
	100 ± 8%	≈77	≈700	EE19/8/9-HQ2K
	160 ± 8%	≈123	≈380	EE19/8/9-HQ2K
	250 ± 15%	≈192	≈220	EE19/8/9-HQ2K
	315 ± 15%	≈240	≈170	EE19/8/9-HQ2K
P5	1830 ± 25%	≈1410	≈0	EE19/8/9-HQ2K
	1490 ± 25%	≈1150	≈0	EE19/8/9-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=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
P3	≥320	≤0.17	≤0.18	-	-
P4	≥320	-	≤0.14	≤0.85	-
HQ2KA	≥340	-	≤0.11	≤0.68	-
HQ2K	≥320	-	≤0.18	-	≤0.31
P5	≥300	-	-	-	-

**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	≥320	-	-	-	-
HQ2KA	≥340	≤0.6	-	-	-
HQ2K	≥315	-	-	-	-
P5	≥300	≤0.22	≤1.7	-	-

**Note:**

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- 2: RoHS compliant.