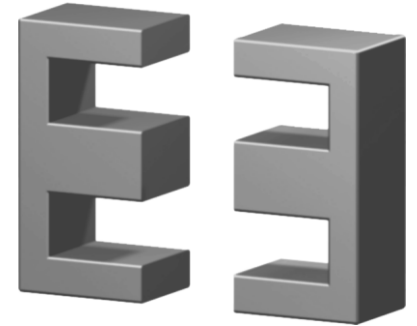
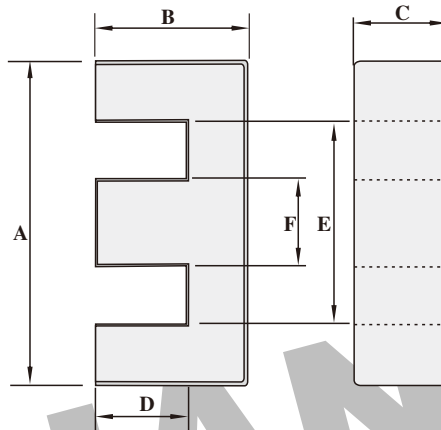


**Dimension: (UNIT:mm)**

A	46.9 ± 0.8
B	19.6 ± 0.2
C	15.6 ± 0.25
D	12.1Min
E	31.75Min
F	15.6±0.25
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)
0.380	234	88.9	20800	≈53

**Core halves**

AL measured in combination with a non-gapped core half, clamping force for AL measurements, 40+/-20N unless otherwise stated.

Core halves of high permeability grades. Clamping force for AL measurements, 40+/-20N

Grade	AL (nH)	$\mu e$	AIR GAP $\mu m$	Type number
P3	100 ± 5%	≈ 30	≈ 5080	EE47-P3
	160 ± 5%	≈ 48	≈ 2720	EE47-P3
	250 ± 5%	≈ 76	≈ 1540	EE47-P3
	315 ± 5%	≈ 95	≈ 1160	EE47-P3
	400 ± 8%	≈ 121	≈ 860	EE47-P3
	630 ± 10%	≈ 190	≈ 490	EE47-P3
	5500 ± 25%	≈ 1660	≈ 0	EE47-P3
P4	5600 ± 25%	≈ 1690	≈ 0	EE47-P4
HQ2K	100 ± 5%	≈ 30	≈ 5320	EE47-HQ2K
	160 ± 5%	≈ 48	≈ 2800	EE47-HQ2K
	250 ± 5%	≈ 76	≈ 1540	EE47-HQ2K
	315 ± 5%	≈ 95	≈ 1160	EE47-HQ2K
	400 ± 8%	≈ 121	≈ 850	EE47-HQ2K
	630 ± 10%	≈ 190	≈ 490	EE47-HQ2K
	5100 ± 25%	≈ 1540	≈ 0	EE47-HQ2K

Grade	AL (nH)	$\mu e$	AIR GAP $\mu m$	Type number
H7K	11475 ± 25%	≈ 3470	≈ 0	EE47-H7K

**Properties of core sets under power conditions**

Grade	B (mT) at	Core loss (w) at			
	H=250 A/m F=25KHz T=100℃	F=25 KHz B=200mT 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	≤2.3	≤2.7	-	-
P4	≥320	-	≤2.1	≤11	-
HQ2K	≥320	-	≤2.5	-	≤4.0

**Note:**

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- 2: RoHS compliant.