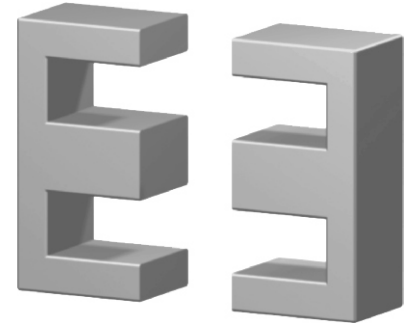
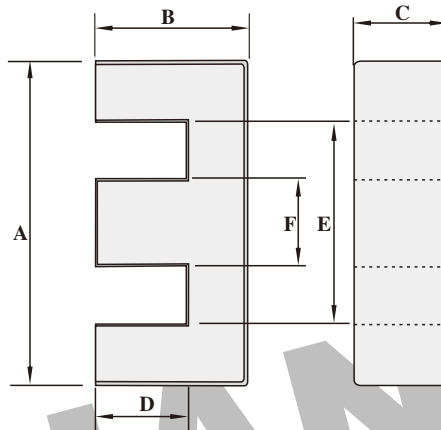


**Dimension: (UNIT:mm)**

A	30.1 ± 0.7
B	15.0 ± 0.2
C	7.3 <sup>0</sup> <sub>-0.5</sub>
D	9.95+0.25
E	19.5Min
F	7.2 <sup>0</sup> <sub>-0.5</sub>
G	
H	



**Test conditions**

AL: F=1.0KHz U=0.3V N=10Ts

**Effective parameter**

C1(mm) <sup>3</sup>	Ae(mm <sup>2</sup> )	Le(mm)	Ve(mm <sup>3</sup> )	Weight(g)
1.12	60.0	67.0	4000	≈11

Core halves of high permeability grades.  
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  
unless otherwise stated.

Grade	AL (nH)	μe	AIR GAP μm	Type number
H5K	3300 ± 25%	≈2930	≈0	EE30/7-H5K
H7K	4100 ± 25%	≈3640	≈0	EE30/7-H7K

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	100 ± 5%	≈ 89	≈ 1100	EE30/7-P3
	160 ± 5%	≈ 142	≈ 580	EE30/7-P3
	250 ± 5%	≈ 222	≈ 330	EE30/7-P3
	315 ± 5%	≈ 280	≈ 240	EE30/7-P3
	400 ± 8%	≈ 355	≈ 180	EE30/7-P3
	630 ± 15%	≈ 560	≈ 100	EE30/7-P3
	1900 ± 25%	≈ 1690	≈ 0	EE30/7-P3
P4	1900 ± 25%	≈ 1690	≈ 0	EE30/7-P4
	1600 ± 25%	≈ 1420	≈ 0	EE30/7-HQ2KA
HQ2K	100 ± 5%	≈ 89	≈ 1100	EE30/7-HQ2K
	160 ± 5%	≈ 142	≈ 580	EE30/7-HQ2K
	250 ± 5%	≈ 222	≈ 330	EE30/7-HQ2K
	315 ± 5%	≈ 280	≈ 240	EE30/7-HQ2K
	400 ± 8%	≈ 355	≈ 180	EE30/7-HQ2K
	630 ± 15%	≈ 560	≈ 100	EE30/7-HQ2K
	1600 ± 25%	≈ 1420	≈ 0	EE30/7-HQ2K
P5	1250 ± 25%	≈ 1110	≈ 0	EE30/7-P5

**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	≥330	≤0.45	≤0.48	-	-	
P4	≥330	-	≤0.36	≤2.0	-	
HQ2KA	≥340	-	≤0.27	≤1.6	-	
HQ2K	≥320	-	≤0.47	-	≤0.80	
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℃	F=500 KHz B=50mT T=100℃	F=500 KHz B=100mT T=100℃	F=1.0MHz B=30mT T=100℃	F=3.0MHz B=10mT T=100℃	
P3	≥330	-	-	-	-	
P4	≥330	-	-	-	-	
HQ2KA	≥340	≤1.5	-	-	-	
HQ2K	≥320	-	-	-	-	
P5	≥300	≤0.54	≤4.2	-	-	

**Note:**

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- 2: RoHS compliant.