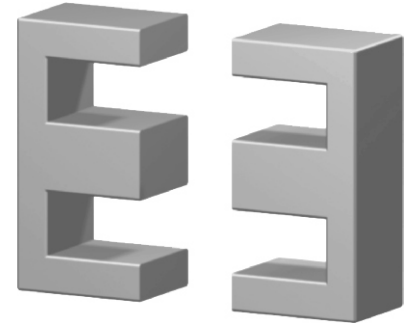
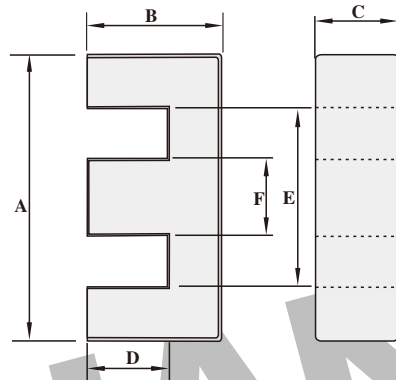


Dimension: (UNIT:mm)

A	20.1 ± 0.7
B	10 ± 0.2
C	5.9-0.5
D	7.2 ± 0.2
E	14.1Min
F	5.9-0.4
G	
H	



Test conditions

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

Effective parameter

C1(mm) ⁻¹	Ae(mm ²)	Le(mm)	Ve(mm ³)	Weight(g)
1.45	32.0	46.0	1490	≈3.7

Core halves

Clamping force for Al measurements,20+/-10N

Grade	AL (nH)	μ e	AIR GAP μ m	Type number
P3	63 ± 5%	≈ 72	≈ 980	EE20-P3
	100 ± 8%	≈ 114	≈ 510	EE20-P3
	160 ± 8%	≈ 183	≈ 280	EE20-P3
	250 ± 15%	≈ 286	≈ 160	EE20-P3
	315 ± 15%	≈ 360	≈ 120	EE20-P3
	1450 ± 25%	≈ 1660	≈ 0	EE20-P3
P4	1450 ± 25%	≈ 1660	≈ 0	EE20-P4
HQ2KA	1350 ± 25%	≈ 1580	≈ 0	EE20-HQ2KA
HQ2K	63 ± 5%	≈ 72	≈ 980	EE20-HQ2K
	100 ± 8%	≈ 114	≈ 520	EE20-HQ2K
	160 ± 8%	≈ 183	≈ 280	EE20-HQ2K
	250 ± 15%	≈ 286	≈ 160	EE20-HQ2K
	315 ± 15%	≈ 360	≈ 120	EE20-HQ2K
	1350 ± 25%	≈ 1660	≈ 0	EE20-HQ2K
P5	1000 ± 25%	≈ 1140	≈ 0	EE20-P5

Core halves of high permeability grades.

Clamping force for Al measurements,20+/-10N

Grade	AL (nH)	μ e	AIR GAP μ m	Type number
H6K	2600 ± 25%	≈ 2970	≈ 0	EE20-H6K
H7K	2700 ± 25%	≈ 3090	≈ 0	EE20-H7K

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	
P3	≥ 320	≤ 0.16	≤ 0.18	-	-	
P4	≥ 320	-	≤ 0.14	≤ 0.75	-	
HQ2KA	≥ 340	-	≤ 0.11	≤ 0.6	-	
HQ2K	≥ 320	-	≤ 0.2	-	≤ 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	≥ 320	-	-	-	-	
HQ2KA	≥ 340	≤ 0.55	-	-	-	
HQ2K	≥ 320	-	-	-	-	
P5	≥ 300	≤ 0.2	≤ 1.5	-	-	

Note:

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- 2:RoHS compliant.