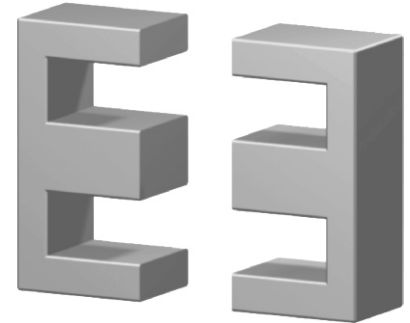
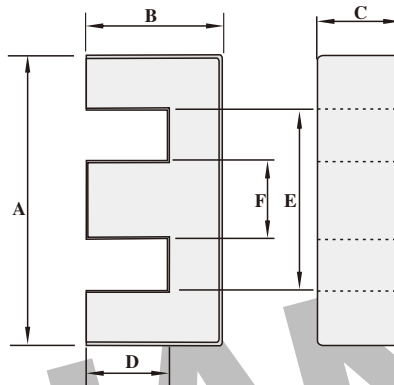


Dimension: (UNIT:mm)

A	22.0±0.4
B	9.2±0.2
C	5.7±0.3
D	5.4±0.2
E	16.0±0.4
F	5.75±0.25
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)
0.97	36.26	41.96	1610	≈ 3.9

Core halves

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

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	63 ± 5%	≈ 69	≈ 950	EE22-P3
	100 ± 8%	≈ 109	≈ 510	EE22-P3
	160 ± 8%	≈ 175	≈ 280	EE22-P3
	250 ± 15%	≈ 273	≈ 160	EE22-P3
	315 ± 15%	≈ 344	≈ 120	EE22-P3
	1900 ± 25%	≈ 1640	≈ 0	EE22-P3
P4	1900 ± 25%	≈ 1640	≈ 0	EE22-P4
HQ2KA	2200 ± 25%	≈ 1530	≈ 0	EE22-HQ2KA
HQ2K	63 ± 5%	≈ 69	≈ 950	EE22-HQ2K
	100 ± 8%	≈ 109	≈ 510	EE22-HQ2K
	160 ± 8%	≈ 175	≈ 280	EE22-HQ2K
	250 ± 15%	≈ 273	≈ 160	EE22-HQ2K
	315 ± 15%	≈ 344	≈ 120	EE22-HQ2K
	2200 ± 25%	≈ 1530	≈ 0	EE22-HQ2K
P5	1790 ± 25%	≈ 1160	≈ 0	EE22-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
P3	≥ 330	≤ 0.15	≤ 0.17	-	-
P4	≥ 320	-	≤ 0.13	≤ 0.7	-
HQ2KA	≥ 340	-	≤ 0.1	≤ 0.56	-
HQ2K	≥ 320	-	≤ 0.16	-	≤ 0.28
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	≤ 0.5	-	-	-
HQ2K	≥ 320	-	-	-	-
P5	≥ 300	≤ 0.18	≤ 1.4	-	-

Note:

- 1: Document is the property of FUAN Inc & is not allow to be duplicated without authorization
- 2: RoHS compliant.