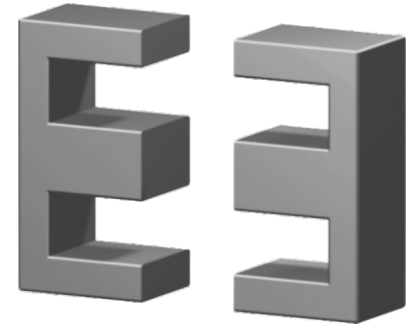
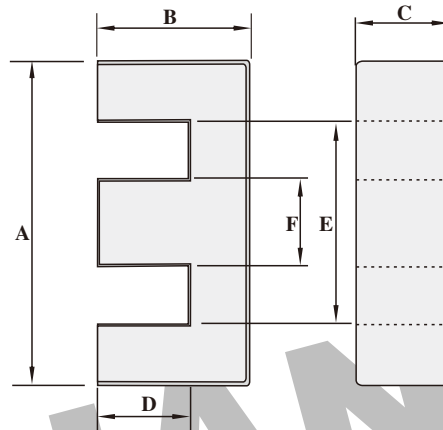


Dimension: (UNIT:mm)

A	65.2 ± 1.3
B	32.8-0.6
C	27.4-0.8
D	22.2+0.8
E	44.2Min
F	20-0.7
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)
0.274	540	147	79000	≈205

Core halves

AL measured in combination with a non-gapped core half, clamping force for Al measurements, 60+/-20N unless otherwise stated.

Core halves of high permeability grades. Clamping force for Al measurements, 60+/-20N

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	100 ± 5%	≈ 22	≈ 14380	EE65B-P3
	160 ± 5%	≈ 35	≈ 7560	EE65B-P3
	250 ± 5%	≈ 54	≈ 4100	EE65B-P3
	315 ± 5%	≈ 68	≈ 3020	EE65B-P3
	400 ± 8%	≈ 87	≈ 2200	EE65B-P3
	630 ± 10%	≈ 136	≈ 1240	EE65B-P3
	8600 ± 25%	≈ 1860	≈ 0	EE65B-P3
P4	8600 ± 25%	≈ 1860	≈ 0	EE65B-P4
HQ2K	100 ± 5%	≈ 22	≈ 14380	EE65B-HQ2K
	160 ± 5%	≈ 35	≈ 7560	EE65B-HQ2K
	250 ± 5%	≈ 54	≈ 4100	EE65B-HQ2K
	315 ± 5%	≈ 68	≈ 3020	EE65B-HQ2K
	400 ± 8%	≈ 87	≈ 2200	EE65B-HQ2K
	630 ± 10%	≈ 136	≈ 1240	EE65B-HQ2K
	7300 ± 25%	≈ 1580	≈ 0	EE65B-HQ2K

Grade	AL (nH)	μe	AIR GAP μm	Type number
H5K	16700 ± 25%	≈ 3620	≈ 0	EE65B-H5K

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 B̂=200mT T=100°C	f=100 KHz B̂=100mT T=100°C	F=100 KHz B̂=200mT T=100°C	F=400 KHz B̂=50mT T=100°C
P3	≥ 320	≤ 9.1	≤ 12	-	-
P4	≥ 320	-	≤ 8.5	≤ 47	-
HQ2K	≥ 320	-	≤ 10.5	-	≤ 21

Note:

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