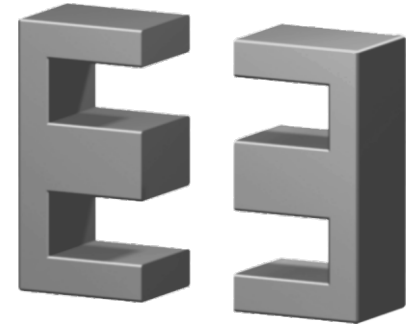
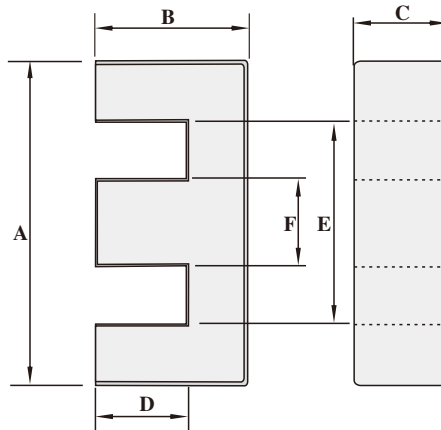


Dimension: (UNIT:mm)

A	55.15 ± 1.05
B	27.5 ± 0.3
C	24.6 ± 0.4
D	18.9 ± 0.3
E	37.5Min
F	16.95 ± 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)
0.239	420	123	52000	≈ 130

Core halves

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

Properties of core sets under power conditions

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	100 ± 5%	≈ 23	≈ 10440	EE55B-P3
	160 ± 5%	≈ 37	≈ 5520	EE55B-P3
	250 ± 5%	≈ 58	≈ 3040	EE55B-P3
	315 ± 5%	≈ 73	≈ 2240	EE55B-P3
	400 ± 8%	≈ 93	≈ 1660	EE55B-P3
	630 ± 10%	≈ 147	≈ 940	EE55B-P3
	8000 ± 25%	≈ 1860	≈ 0	EE55B-P3
P4	8000 ± 25%	≈ 1860	≈ 0	EE55B-P4
HQ2K	100 ± 5%	≈ 23	≈ 10440	EE55B-HQ2K
	160 ± 5%	≈ 37	≈ 5520	EE55B-HQ2K
	250 ± 5%	≈ 58	≈ 3040	EE55B-HQ2K
	315 ± 5%	≈ 73	≈ 2240	EE55B-HQ2K
	400 ± 8%	≈ 93	≈ 1660	EE55B-HQ2K
	630 ± 10%	≈ 147	≈ 940	EE55B-HQ2K
	7400 ± 25%	≈ 1730	≈ 0	EE55B-HQ2K

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	≤ 5.7	≤ 7.3	-	-
P4	≥ 330	-	≤ 4.8	≤ 31	-
HQ2K	≥ 310	-	≤ 6.6	-	≤ 12.7

Note:

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- 2: RoHS compliant.