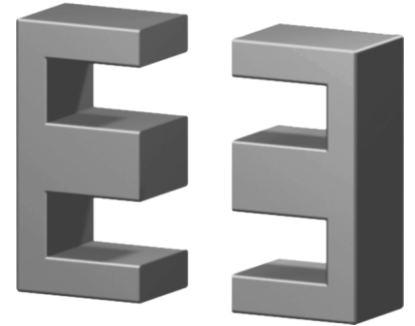
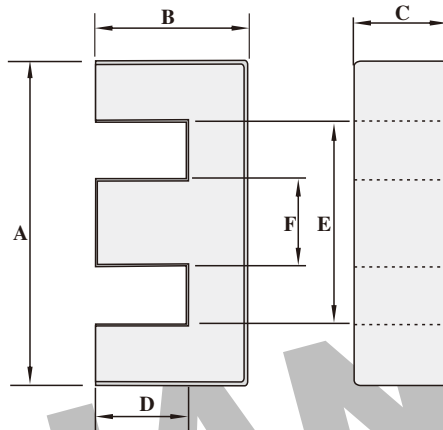


**Dimension: (UNIT:mm)**

A	55.15 ± 1.05
B	27.5 ± 0.3
C	20.6 ± 0.4
D	18.9 ± 0.4
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) <sup>1</sup>	Ae(mm <sup>2</sup> )	Le(mm)	Ve(mm <sup>3</sup> )	Weight(g)
0.35	353	124	44000	≈108

**Core halves**

AL measured in combination with a non-gapped core half, clamping force for Al measurements, 40+/-20N unless otherwise stated.

Core halves of high permeability grades. Clamping force for Al measurements, 40+/-20N

Grade	AL (nH)	$\mu_e$	AIR GAP $\mu m$	Type number
P3	100 ± 5%	≈ 28	≈ 8740	EE55-P3
	160 ± 5%	≈ 45	≈ 4560	EE55-P3
	250 ± 5%	≈ 70	≈ 2500	EE55-P3
	315 ± 5%	≈ 88	≈ 1840	EE55-P3
	400 ± 8%	≈ 112	≈ 1360	EE55-P3
	630 ± 10%	≈ 176	≈ 780	EE55-P3
	6300 ± 25%	≈ 1760	≈ 0	EE55-P3
P4	6400 ± 25%	≈ 1790	≈ 0	EE55-P4
HQ2K	100 ± 5%	≈ 28	≈ 8740	EE55-HQ2K
	160 ± 5%	≈ 45	≈ 4560	EE55-HQ2K
	250 ± 5%	≈ 70	≈ 2500	EE55-HQ2K
	315 ± 5%	≈ 88	≈ 1840	EE55-HQ2K
	400 ± 8%	≈ 112	≈ 1360	EE55-HQ2K
	630 ± 10%	≈ 176	≈ 780	EE55-HQ2K
	5700 ± 25%	≈ 1590	≈ 0	EE55-HQ2K

Grade	AL (nH)	$\mu_e$	AIR GAP $\mu m$	Type number
H5K	12800 ± 25%	≈ 3580	≈ 0	EE55-H5K
H7K	15400 ± 25%	≈ 4300	≈ 0	EE55-H7K

**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	≥ 320	≤ 4.8	≤ 5.9	-	-
P4	≥ 320	-	≤ 3.8	≤ 27	-
HQ2K	≥ 320	-	≤ 5.6	-	≤ 10

**Note:**

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- 2: RoHS compliant.