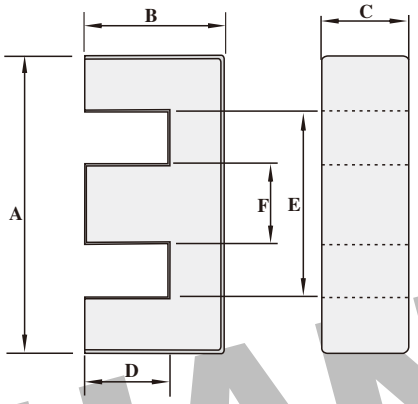
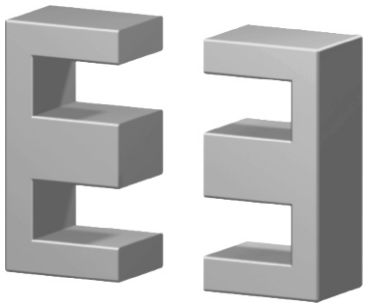
Dimension: (UNIT:mm)

A	25.1 ± 0.7
B	13.05 ± 0.25
C	10.75 ± 0.25
D	8.95 ± 0.25
E	17.5Min
F	7.25±0.25
G	
H	





Test condiTIons

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

Effective parameter

C1(mm)$^{-1}$	Ae(mm2)	Le(mm)	Ve(mm3)	Weight(g)
0.733	78.4	57.5	4500	≈11

Core halves

AL measured in combination with a non-gapped core half, clamping force for Al measurements,20+/-10N unless otherwise stated.

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	63 ± 5%	≈37	≈2800	EE25-P3
	100 ± 8%	≈58	≈1480	EE25-P3
	160 ± 8%	≈93	≈790	EE25-P3
	250 ± 15%	≈146	≈450	EE25-P3
	315 ± 15%	≈184	≈340	EE25-P3
	2800 ± 25%	≈1630	≈0	EE25-P3
P4	2800 ± 25%	≈1630	≈0	EE25-P4
HQ2KA	1400 ± 25%	≈1450	≈0	EE25C-HQ2KA
HQ2K	63 ± 5%	≈62	≈1240	EE25-HQ2K
	100 ± 8%	≈99	≈660	EE25-HQ2K
	160 ± 8%	≈158	≈360	EE25-HQ2K
	250 ± 15%	≈247	≈210	EE25-HQ2K
	315 ± 15%	≈311	≈150	EE25-HQ2K
	1400 ± 25%	≈1450	≈0	EE25-HQ2K
P5	2000 ± 25%	≈1170	≈0	EE25-P5

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	≥330	≤0.55	≤0.55	–	-
P4	≥330	-	≤0.42	≤2.4	-
HQ2KA	≥340	-	≤0.33	≤1.9	-
HQ2K	≥320	-	≤0.55	-	≤0.95
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℃	F=500 KHz B=50mT T=100℃	F=500 KHz B=100mT T=100℃	F=1.0MHz B=30mT T=100℃	F=3.0MHz B=10mT T=100℃
P3	≥330	-	-	–	–
P4	≥330	-	-	–	–
HQ2KA	≥340	≤1.7	-	–	–
HQ2K	≥320	-	-	–	–
P5	≥300	≤0.6	≤4.7	–	–

Note:

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