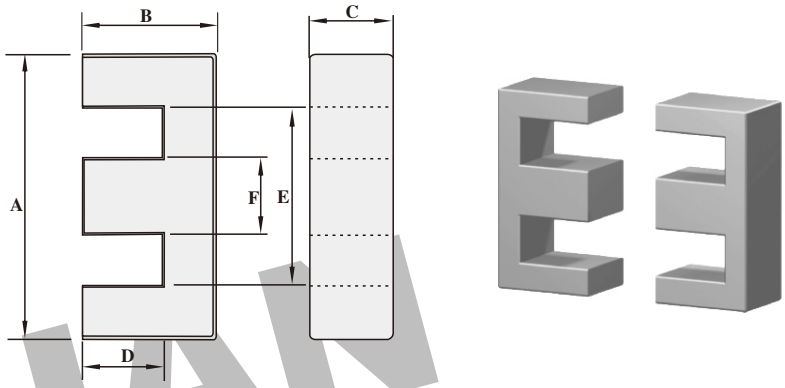
PAIRUI

FUAN

EE8.8/4.1/2

Dimension: (UNIT:mm)

A	9.0 ± 0.2
B	4.0 ± 0.2
C	2.1 ± 0.1
D	2.2 ± 0.15
E	5.2 ± 0.13
F	1.9±0.12
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)
	3.13	5.0	15.6	78	≈0.25

Core halves

AL measured in combination with a non-gapped core half, clamping force for Al measurements,5+/-2N

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	480 ± 25%	≈1190	≈0	EE8.8-P3
P4	480 ± 25%	≈1190	≈0	EE8.8-P4
P5	380 ± 25%	≈940	≈0	EE8.8-P5

Core halves of high permeability grades.
AL measured in combination with a non-gapped core half, clamping force for Al measurements,15+/-5N

Grade	AL (nH)	μe	AIR GAP μm	Type number
H12K	3180±30%	≈6210	≈0	EE8.8-H12K

Properties of core sets under power conditions

Grade	B (mT)at H=250 A/m F=25KHz T=100 ℃	Core loss (w) at f=100 KHz B=100mT T=100 ℃	f=100 KHz B=200mT T=100 ℃	F=400 KHz B=50mT T=100 ℃
P3	⩾ 320	⩽0.007	⩽0.04	-
P4	⩾ 340	⩽0.0055	⩽0.032	⩽0.014
P5	⩾ 300	-	-	⩽0.007

Properties of core sets under power conditions (continued)

Grade	B (mT)at H=250 A/m F=25KHz T=100 ℃	Core loss (w) at 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	⩾ 320	-	-	-	-
P4	⩾ 340	⩽0.029	-	-	-
P5	⩾ 300	⩽0.011	⩽0.082	⩽0.023	⩽0.037

Note:

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