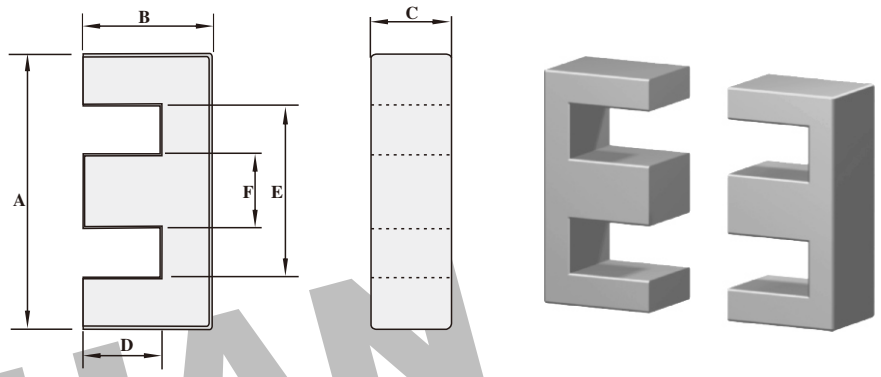
PAIRUI

FUAN

EE34/14/9

Dimension: (UNIT:mm)

A	34.3 ± 0.6
B	14.1 ± 0.15
C	9.3 ± 0.25
D	9.8 ± 0.13
E	25.5 MIN
F	9.3 ± 0.2
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)
	0.85	80.7	69.3	5990	≈14

Core halves for general purpose transformers and power applications.

Clamping force for Al measurements,5+/-2N

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	2440±25%	≈1670	≈0	EE34-P3
P4	2440±25%	≈1670	≈0	EE34-P4
P5	1680±25%	≈1150	≈0	EE34-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=100 KHz B=100mT T=100℃	f=100 KHz B=200mT T=100℃	F=400 KHz B=50mT T=100℃
P3	≥320	≤0.63	≤0.56	
P4	≥320		≤0.5	≤2.9
P5	≥320			

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	≥320				
P4	≥320				
P5	≥300	≤0.75	≤5.9		

Note:

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