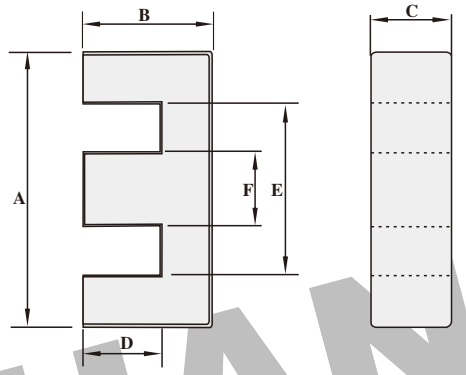
PAIRUI

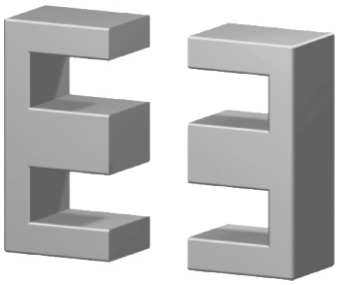
FUAN

EE25/13/7

Dimension: (UNIT:mm)

A	25.5 ± 0.75
B	12.55 ± 0.25
C	7.25 ± 0.25
D	8.95 ± 0.25
E	18.0±0.5
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)
	1.11	52.0	58.0	2990	≈8

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	1900±25%	≈1700	≈0	EE25-P3
P4	1900±25%	≈1700	≈0	EE25-P4
P5	1250±25%	≈1120	≈0	EE25-P5
H7K	4000±25%	≈3580	≈0	EE25-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=100 KHz B=100mT T=100℃	f=100 KHz B=200mT T=100℃	F=400 KHz B=50mT T=100℃
P3	≥320	≤0.38	≤0.35	
P4	≥320		≤1.5	≤0.3
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	≥320	≤0.4	≤3.1		

Note:

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