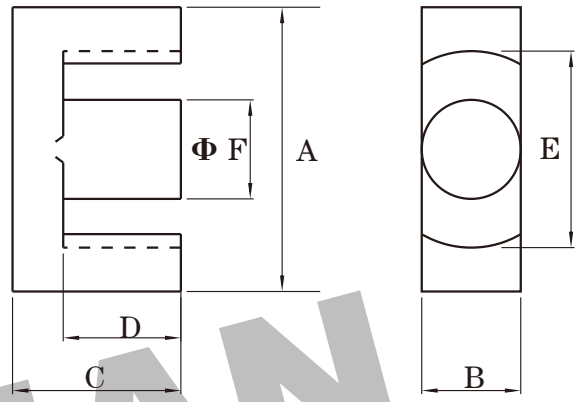
PAIRUI

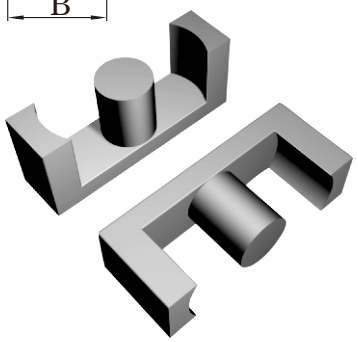
FUAN

ETD24

Dimension: (UNIT:mm)

A	24.7 ± 0.6
B	8.5 ± 0.3
C	14.95 ± 0.25
D	10.1 ± 0.1
E	18.8Min
F	8.5 ± 0.3
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)
1.14	56.3	61.9	3480	≈10

Core halves.

Clamping force for Al measurements,30+/-10N.
gapped cores are available on request.

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	2200 ± 25%	≈1440	≈0	ETD24-P3
P4	2200 ± 25%	≈1440	≈0	ETD24-P4
HQ2KA	2100 ± 25%	≈1380	≈0	ETD24-HQ2KA
HQ2K	2100 ± 25%	≈1380	≈0	ETD24-HQ2K
P5	1400 ± 25%	≈1050	≈0	ETD24-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 Ḃ=200mT T=100℃	f=100 KHz Ḃ=100mT T=100℃	F=100 KHz Ḃ=200 mT T=100℃	F=400 KHz Ḃ=50mT T=100℃
P3	≥330	≤0.60	≤0.61	–	-
P4	≥330	-	≤0.42	≤2.4	-
HQ2KA	≥340	-	≤0.32	≤1.9	-
HQ2K	≥320	-	≤0.60	-	≤0.9
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 Ḃ=50mT T=100℃	F=500 KHz Ḃ=100mT T=100℃	F=1.0 MHZ Ḃ=30 mT T=100℃	F=3.0 MHZ Ḃ=10mT T=100℃
P3	≥330	–	–	–	–
P4	≥330	–	–	–	–
HQ2KA	≥340	≤1.6	–	–	–
HQ2K	≥320	-	–	–	–
P5	≥300	≤0.68	≤5.0	–	–

Note:

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