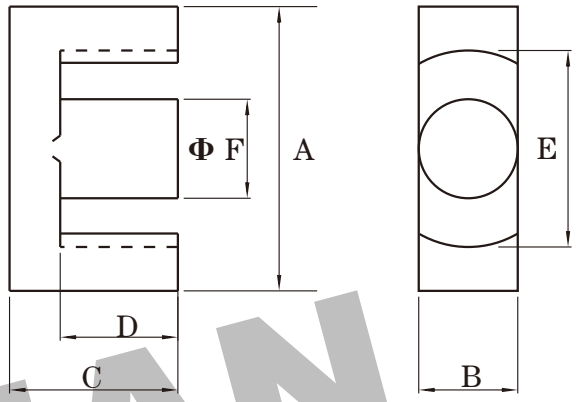
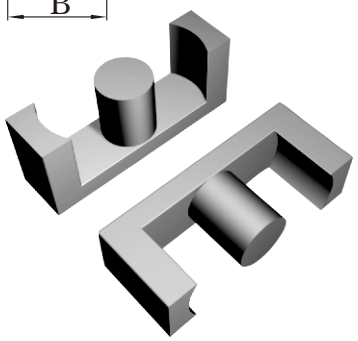
PAIRUI

FUAN
ETD34

Dimension: (UNIT:mm)

A	35.0-1.6
B	11.1-0.6
C	17.5−0.4
D	12.1 ± 0.3
E	25.6Min
F	11.1−0.6
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)
0.81	97.1	78.6	7640	≈20

Core halves.

Clamping force for Al measurements,40+/-20N.
gapped cores are available on request.

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	2700 ± 25%	≈1740	≈0	ETD34-P3
P4	2700 ± 25%	≈1740	≈0	ETD34-P4
HQ2KA	2500 ± 25%	≈1610	≈0	ETD34-HQ2KA
HQ2K	2500 ± 25%	≈1610	≈0	ETD34-HQ2K
P5	1850 ± 25%	≈1190	≈0	ETD34-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=200 mT T=100℃	F=400 KHz B=50mT T=100℃
P3	≥330	≤0.92	≤0.97	–	-
P4	≥330	-	≤0.73	≤4.2	-
HQ2KA	≥340	-	≤0.55	≤3.4	-
HQ2K	≥320	-	≤0.9	-	≤1.6
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=1.0 MHZ B=30mT T=100℃	F=3.0 MHZ B=10mT T=100℃
P3	≥330	–	–	–	–
P4	≥330	–	–	–	–
HQ2KA	≥340	≤2.8	–	–	–
HQ2K	≥320	-	–	–	–
P5	≥300	≤1.0	≤8.0	–	–

Note:

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