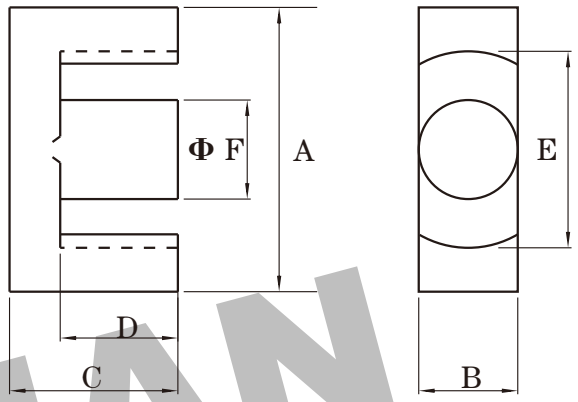
PAIRUI

FUAN

ETD29

Dimension: (UNIT:mm)

A	30.6-1.6
B	9.8-0.6
C	15.8±0.2
D	11.0±0.3
E	22.0Min
F	9.8-0.6
G	
H	

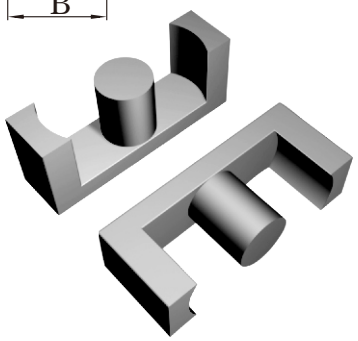


Test condiTIons

AL: F=1.0KHz U=0.3V N=10Ts

Effective parameter

C1(mm)$^{-1}$	Ae(mm2)	Le(mm)	Ve(mm3)	Weight(g)
0.947	76	72	5470	≈14



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	2350±25%	≈1770	≈0	ETD29-P3
P4	2350±25%	≈1770	≈0	ETD29-P4
HQ2KA	2200±25%	≈1660	≈0	ETD29-HQ2KA
HQ2K	2200±25%	≈1660	≈0	ETD29-HQ2K
P5	1600±25%	≈1210	≈0	ETD29-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	≤0.66	≤0.69	–	-
P4	≥330	-	≤0.5	≤3.0	-
HQ2KA	≥340	-	≤0.37	≤2.4	-
HQ2K	≥320	-	≤0.65	-	≤1.1
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=30 mT T=100℃	F=3.0 MHZ B=10mT T=100℃
P3	≥330	–	–	–	–
P4	≥330	–	–	–	–
HQ2KA	≥340	≤2.0	–	–	–
HQ2K	≥320	-	–	–	–
P5	≥300	≤0.74	≤5.7	–	–

Note:

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