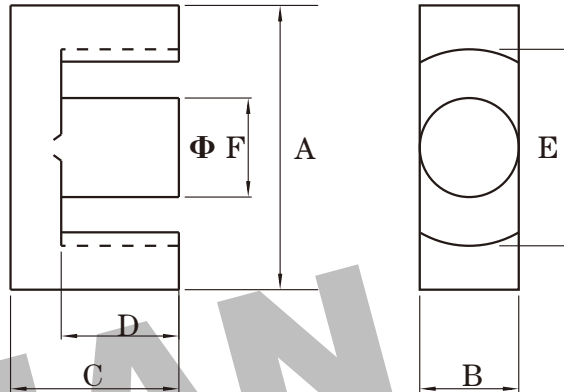


Dimension: (UNIT:mm)

A	19.6 ± 0.4
B	7.4 ± 0.25
C	13.65 ± 0.25
D	9.4 ± 0.15
E	14.4Min
F	7.4 ± 0.2
G	
H	

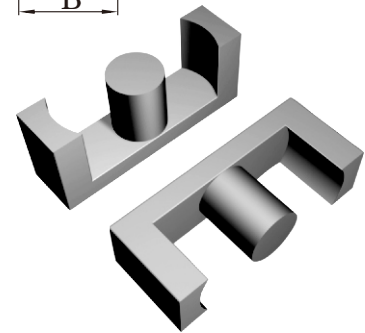


Test conditions

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

Effective parameter

C1(mm) ⁻¹	Ae(mm ²)	Le(mm)	Ve(mm ³)	Weight(g)
1.32	41.3	54.6	2260	≈7



Core halves.

Clamping force for Al measurements, 20+/-5N.
gapped cores are available on request.

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	1730 ± 25%	≈ 1280	≈ 0	ETD19-P3
P4	1730 ± 25%	≈ 1280	≈ 0	ETD19-P4
HQ2KA	1480 ± 25%	≈ 1100	≈ 0	ETD19-HQ2KA
HQ2K	1480 ± 25%	≈ 1100	≈ 0	ETD19-HQ2K
P5	1100 ± 25%	≈ 950	≈ 0	ETD19-P5

Properties of core sets under power conditions

Grade	B (mT)at	Core loss (w) at			
	H=250 A/m F=25KHz T=100°C	F=25 KHz B=200mT T=100°C	f=100 KHz B=100mT T=100°C	F=100 KHz B=200 mT T=100°C	F=400 KHz B=50mT T=100°C
P3	≥330	≤0.30	≤0.31	-	-
P4	≥330	-	≤0.22	≤1.9	-
HQ2KA	≥340	-	≤0.18	≤1.5	-
HQ2K	≥320	-	≤0.40	-	≤0.5
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°C	F=500 KHz B=50mT T=100°C	F=500 KHz B=100mT T=100°C	F=1.0 MHz B=30 mT T=100°C	F=3.0 MHz B=10mT T=100°C
P3	≥330	-	-	-	-
P4	≥330	-	-	-	-
HQ2KA	≥340	≤1.3	-	-	-
HQ2K	≥320	-	-	-	-
P5	≥300	≤0.44	≤3.8	-	-

Note:

- 1: Document is the property of FUAN Inc & is not allow to be duplicated without authorization
- 2: RoHS compliant.