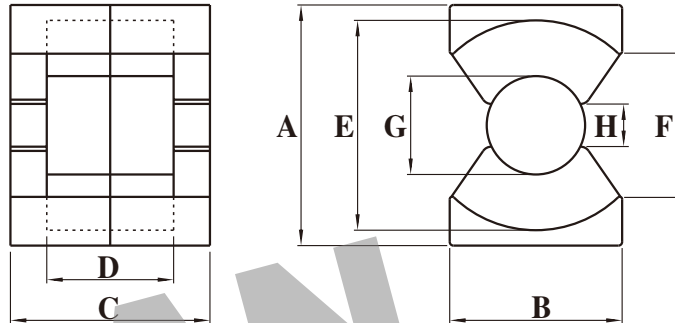


Dimension: (UNIT:mm)

A	21.3 ± 0.4
B	14.0 ± 0.4
C	16.2 ± 0.2
D	10.3 ± 0.3
E	18.0 ± 0.4
F	12.0Min
G	8.8 ± 0.2
H	4.0Min

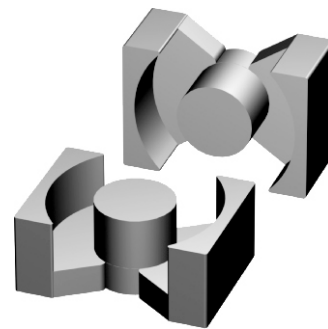


Test conditions

AL: F=10.0KHz U=0.3V N=10Ts

Effective parameter

C1(mm) ⁻¹	Ae(mm ²)	Le(mm)	Ve(mm ³)	Weight(g)
0.607	61.9	37.6	2330	≈13



Core sets for general purpose transformers and Power applications.

Clamping force for Al measurements, 30+/-10N.

Properties of core sets under power conditions

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	160 ± 3%	≈ 77	≈ 600	PQ2016-P3
	250 ± 3%	≈ 121	≈ 350	PQ2016-P3
	315 ± 3%	≈ 152	≈ 270	PQ2016-P3
	400 ± 3%	≈ 193	≈ 200	PQ2016-P3
	630 ± 5%	≈ 305	≈ 120	PQ2016-P3
	3600 ± 25%	≈ 1740	≈ 0	PQ2016-P3
P4	3600 ± 25%	≈ 1740	≈ 0	PQ2016-P4
HQ2KA	3250 ± 25%	≈ 1570	≈ 0	PQ2016-HQ2KA
HQ2K	160 ± 3%	≈ 77	≈ 600	PQ2016-HQ2K
	250 ± 3%	≈ 121	≈ 350	PQ2016-HQ2K
	315 ± 3%	≈ 152	≈ 270	PQ2016-HQ2K
	400 ± 3%	≈ 193	≈ 200	PQ2016-HQ2K
	630 ± 5%	≈ 305	≈ 120	PQ2016-HQ2K
	3080 ± 25%	≈ 1490	≈ 0	PQ2016-HQ2K

Grade	B (mT)at	Core loss (w) at			
	H=250 A/m F=25KHz T=100°C	F=25 KHz B̂=200mT T=100°C	f=100 KHz B̂=100mT T=100°C	F=100 KHz B̂=200mT T=100°C	F=400 KHz B̂=50mT T=100°C
P3	≥320	≤0.28	≤0.3	-	-
P4	≥320	-	≤0.22	≤1.4	-
HQ2KA	≥340	-	≤0.16	≤1.1	≤0.43
HQ2K	≥320	-	≤0.26	-	≤0.44

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 B̂=50mT T=100°C	F=500 KHz B̂=100mT T=100°C	F=1.0 MHz B̂=30mT T=100°C	F=3.0MHz B̂=10mT T=100°C
P3	≥320	-	-	-	-
P4	≥320	-	-	-	-
HQ2KA	≥340	≤0.9	-	-	-
HQ2K	≥320	-	-	-	-

Note:

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