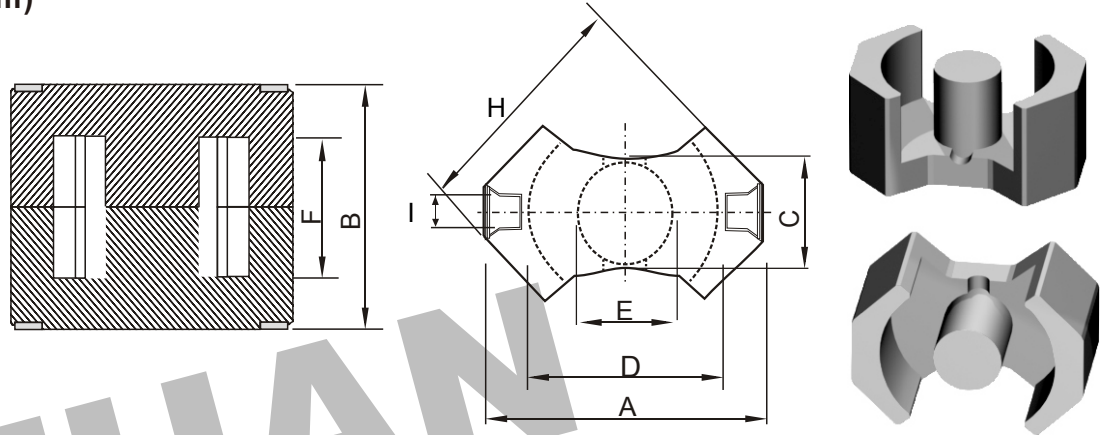


Dimension: (UNIT:mm)

A	27.85 ± 0.65
B	18.6 ± 0.1
C	13.25 ± 0.25
D	21.65 ± 0.45
E	10.7 ± 0.2
F	12.7 ± 0.3
H	24.15 ± 0.55
I	5.1±0.1



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)
0.462	96.6	44.6	4310	≈22

Core sets for general purpose transformers and Power applications.

Clamping force for Al measurements,60+/-20N.

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	160 ± 3%	≈ 59	≈ 980	RM10-P3
	250 ± 3%	≈ 92	≈ 570	RM10-P3
	315 ± 3%	≈ 116	≈ 430	RM10-P3
	400 ± 3%	≈ 147	≈ 330	RM10-P3
	630 ± 3%	≈ 232	≈ 190	RM10-P3
4500 ± 25%	≈ 1650	≈ 0	RM10-P3	
P4	160 ± 3%	≈ 59	≈ 980	RM10-P4
	250 ± 3%	≈ 92	≈ 570	RM10-P4
	315 ± 3%	≈ 116	≈ 430	RM10-P4
	400 ± 3%	≈ 147	≈ 330	RM10-P4
	630 ± 3%	≈ 232	≈ 190	RM10-P4
4500 ± 25%	≈ 1650	≈ 0	RM10-P4	
HQ2KA	4050 ± 25%	≈ 1680	≈ 0	RM10-HQ2KA
HQ2K	160 ± 3%	≈ 59	≈ 980	RM10-HQ2K
	250 ± 3%	≈ 92	≈ 570	RM10-HQ2K
	315 ± 3%	≈ 116	≈ 430	RM10-HQ2K
	400 ± 3%	≈ 147	≈ 330	RM10-HQ2K
	630 ± 3%	≈ 232	≈ 190	RM10-HQ2K
4050 ± 25%	≈ 1490	≈ 0	RM10-HQ2K	
P5	3100 ± 25%	≈ 1190	≈ 0	RM10-P5

Note:

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

Core sets of high permeability grades.

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

Grade	AL (nH)	μe	AIR GAP μm	Type number
H7K	10700 ± 25%	≈ 3930	≈ 0	RM10-H7K
H10K	16000+40/-30%	≈ 5880	≈ 0	RM10-H10K

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 B̄=200mT T=100°C	f=100 KHz B̄=100mT T=100°C	F=100 KHz B̄=200mT T=100°C	F=400 KHz B̄=50mT T=100°C	
P3	≥ 320	≤ 0.52	≤ 0.55	-	-	
P4	≥ 320	-	≤ 0.41	≤ 2.3	-	
HQ2KA	≥ 340	-	≤ 0.3	≤ 1.8	≤ 0.77	
HQ2K	≥ 315	-	≤ 0.48	-	≤ 0.82	
P5	≥ 315	-	-	-	-	

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 B̄=50mT T=100°C	F=500 KHz B̄=100mT T=100°C	F=1.0 MHz B̄=30mT T=100°C	F=1.0 MHz B̄=50mT T=100°C	F=3.0MHz B̄=10mT T=100°C
P3	≥ 320	-	-	-	-	
P4	≥ 320	-	-	-	-	
HQ2KA	≥ 340	≤ 1.5	-	-	-	
HQ2K	≥ 315	-	-	-	-	
P5	≥ 315	≤ 0.6	≤ 4.5	-	-	