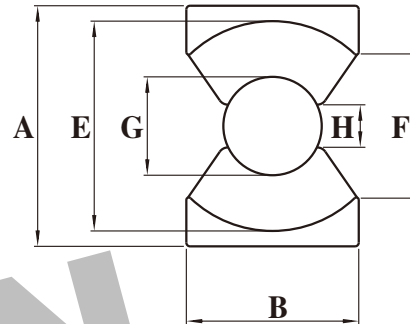
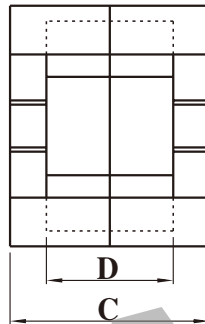


Dimension: (UNIT:mm)

A	33.0 ± 0.5
B	22.0 ± 0.5
C	30.3 ± 0.25
D	21.3 ± 0.3
E	27.5 ± 0.5
F	19.0Min
G	13.5 ± 0.25
H	5.5Min

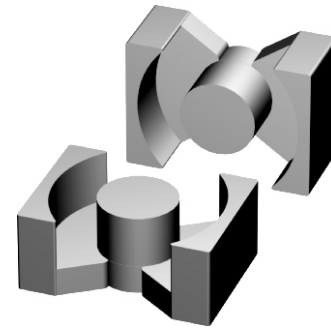


Test conditions

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

Effective parameter

C1(mm) ⁻¹	Ae(mm ²)	Le(mm)	Ve(mm ³)	Weight(g)
0.447	167	74.7	12500	≈57



Core sets for general purpose transformers and Power applications.

Clamping force for AI measurements,80+/-20N.

Properties of core sets under power conditions

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	315 ± 3%	≈ 112	≈ 800	PQ3230-P3
	400 ± 3%	≈ 142	≈ 600	PQ3230-P3
	630 ± 3%	≈ 224	≈ 350	PQ3230-P3
	1000 ± 3%	≈ 356	≈ 210	PQ3230-P3
	1600 ± 5%	≈ 570	≈ 110	PQ3230-P3
5600 ± 25%	≈ 1990	≈ 0	PQ3230-P3	
P4	5600 ± 25%	≈ 1990	≈ 0	PQ3230-P4
HQ2KA	5040 ± 25%	≈ 1790	≈ 0	PQ3230-HQ2KA
HQ2K	315 ± 3%	≈ 83	≈ 800	PQ3230-HQ2K
	400 ± 3%	≈ 105	≈ 600	PQ3230-HQ2K
	630 ± 3%	≈ 166	≈ 350	PQ3230-HQ2K
	1000 ± 3%	≈ 263	≈ 210	PQ3230-HQ2K
	1600 ± 5%	≈ 421	≈ 110	PQ3230-HQ2K
4580 ± 25%	≈ 1630	≈ 0	PQ3230-HQ2K	

Grade	B (mT)at H=250 A/m F=25KHz T=100℃	Core loss (w) at			
		F=25 KHz B̂=200mT T=100℃	f=100 KHz B̂=100mT T=100℃	F=100 KHz B̂=200mT T=100℃	F=400 KHz B̂=50mT T=100℃
P3	≥320	≤1.5	≤1.6	-	-
P4	≥320	-	≤1.2	≤7.5	-
HQ2KA	≥340	-	≤0.9	≤6.0	≤2.3
HQ2K	≥320	-	≤1.4	-	≤2.4

Properties of core sets under power conditions (continued)

Grade	B (mT)at H=250 A/m F=25KHz T=100℃	Core loss (w) at			
		F=500 KHz B̂=50mT T=100℃	F=500 KHz B̂=100mT T=100℃	F=1.0 MHz B̂=30mT T=100℃	F=3.0MHz B̂=10mT T=100℃
P3	≥320	-	-	-	-
P4	≥320	-	-	-	-
HQ2KA	≥340	≤4.7	-	-	-
HQ2K	≥320	-	-	-	-

Note:

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- 2:RoHS compliant.