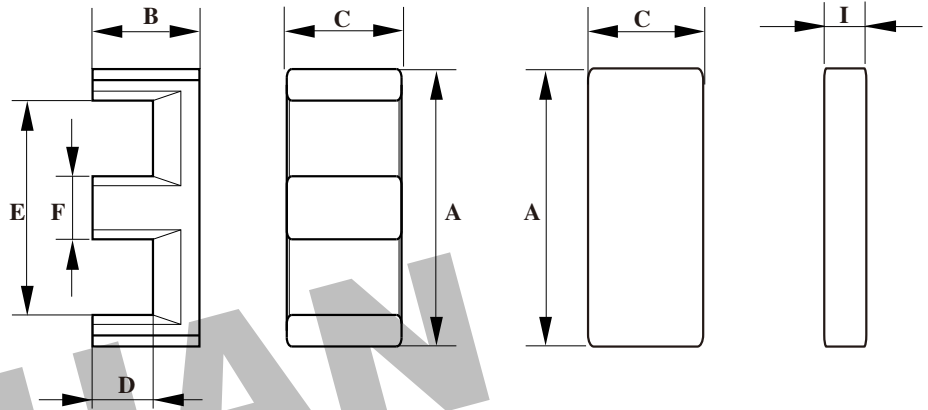


Dimension: (UNIT:mm)

A	43.2 ± 0.9
B	9.5 ± 0.13
C	27.9 ± 0.6
D	5.4 ± 0.13
E	34.7Min
F	8.1 ± 0.2
I	4.1 ± 0.12

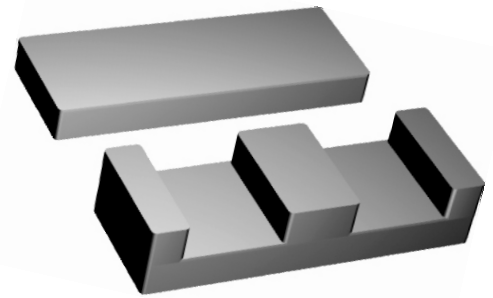


Test conditions

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

Effective parameter

C1(mm) ⁴	Ae(mm ²)	Le(mm)	Ve(mm ³)	Weight(g)
0.220	229	50.4	11500	≈58



Core halves for use in combination with a plate (PLT)
AL measured in combination with a plate (PLT),
clamping force for AL measurements, 40+/-20N

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	250±3%	≈45	≈ 1100	PEI43-P3
	315 ± 3%	≈57	≈ 850	PEI43-P3
	400 ± 3%	≈72	≈ 650	PEI43-P3
	630±5%	≈113	≈ 400	PEI43-P3
	1000 ± 10%	≈180	≈ 250	PEI43-P3
	9250 ± 25%	≈1710	≈ 0	PEI43-P3
P4	250 ± 3%	≈45	≈ 1100	PEI43-P4
	315 ± 3%	≈57	≈ 850	PEI43-P4
	400 ± 3%	≈72	≈ 650	PEI43-P4
	630 ± 5%	≈113	≈ 400	PEI43-P4
	1000 ± 10%	≈180	≈ 250	PEI43-P4
	9250±25%	≈1710	≈ 0	PEI43-P4
HQ2K	250 ± 3%	≈45	≈ 1100	PEI43-HQ2K
	315 ± 3%	≈57	≈ 850	PEI43-HQ2K
	400 ± 3%	≈72	≈ 650	PEI43-HQ2K
	630 ± 5%	≈113	≈ 400	PEI43-HQ2K
	1000 ± 10%	≈180	≈ 250	PEI43-HQ2K
	8700 ± 25%	≈1560	≈ 0	PEI43-HQ2K

Properties of core sets under power conditions

Grade	B (mT)at	Core loss (w) at		
	H=250 A/m F=10KHz T=100°C	F=100KHz B=100mT T=100°C	f=100 KHz B=200mT T=100°C	F=400 KHz B=50mT T=100°C
P3	≥320	≤1.5	-	-
P4	≥320	≤1.2	≤7.0	-
HQ2K	≥300	≤1.5	-	≤2.25

Properties of core sets under power conditions (continued)

Grade	B (mT)at	Core loss (w) at			
	H=250 A/m F=10KHz T=100°C	F=500 KHz B=50mT T=100°C	F=500KHz B=100mT T=100°C	F=1.0MHz B=30mT T=100°C	F=3.0MHz B=10mT T=100°C
P3	≥320	-	-	-	-
P4	≥320	-	-	-	-
HQ2K	≥300	-	-	-	-

Note:

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- 2: RoHS compliant.