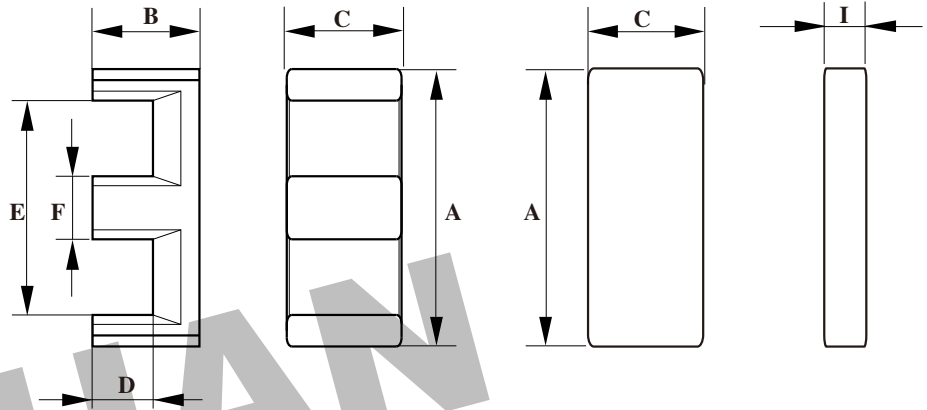


Dimension: (UNIT:mm)

A	31.75 ± 0.64
B	6.35 ± 0.13
C	20.32 ± 0.41
D	3.18 ± 0.2
E	24.9Min
F	6.35±0.13
I	3.18±0.13

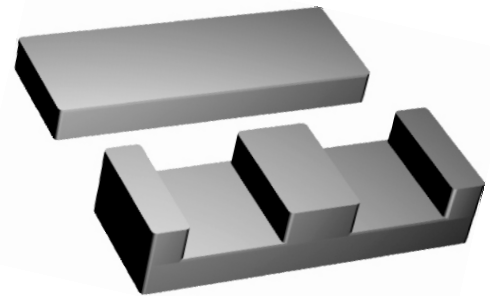


Test conditions

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

Effective parameter

C1(mm)	Ae(mm ²)	Le(mm)	Ve(mm ³)	Weight(g)
0.27	130	35.1	4560	≈22



Core halves for use in combination with a plate (PLT)
AL measured in combination with a plate (PLT),
clamping force for AL measurements, 30+/- 10N

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	160±3%	≈35	≈1200	PEI32-P3
	250 ± 3%	≈55	≈700	PEI32-P3
	315 ± 3%	≈69	≈550	PEI32-P3
	400 ± 5%	≈87	≈450	PEI32-P3
	630±8%	≈138	≈260	PEI32-P3
	7350 ± 25%	≈1610	≈0	PEI32-P3
P4	160 ± 3%	≈35	≈1200	PEI32-P4
	250 ± 3%	≈55	≈700	PEI32-P4
	315 ± 3%	≈69	≈550	PEI32-P4
	400 ± 5%	≈87	≈450	PEI32-P4
	630 ± 8%	≈138	≈260	PEI32-P4
	7350±25%	≈1610	≈0	PEI32-P4
HQ2KA	7350 ± 25%	≈1610	≈0	PEI32-HQ2KA
HQ2K	160 ± 3%	≈35	≈1200	PEI32-HQ2K
	250 ± 3%	≈55	≈700	PEI32-HQ2K
	315 ± 3%	≈69	≈550	PEI32-HQ2K
	400 ± 5%	≈87	≈450	PEI32-HQ2K
	630 ± 8%	≈138	≈260	PEI32-HQ2K
	6780 ± 25%	≈1490	≈0	PEI32-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	≤0.55	-	-
P4	≥320	≤0.41	≤2.9	-
HQ2KA	≥320	≤0.3	≤2.2	≤0.8
HQ2K	≥300	≤0.6	-	≤0.85

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=50mT T=100°C	F=3.0MHz B=10mT T=100°C
P3	≥320	-	-	-	-
P4	≥320	-	-	-	-
HQ2KA	≥320	≤1.7	-	-	-
HQ2K	≥300	-	-	-	-

Note:

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- 2: RoHS compliant.