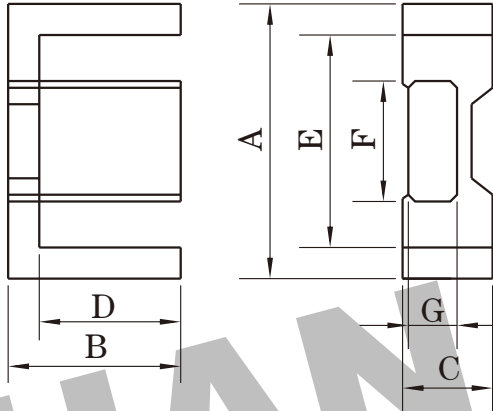


Dimension: (UNIT:mm)

A	20.5 ± 0.5
B	11.5 ± 0.15
C	5.5 ± 0.2
D	9.2 ± 0.15
E	15.5Min
F	8.9±0.2
G	3.4±0.2
H	



Test conditions

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

Effective parameter

C1(mm) ⁻¹	Ae(mm ²)	Le(mm)	Ve(mm ³)	Weight(g)
1.48	29.37	55.9	1469	≈3.5

Core sets

AL measured in combination with a non-gapped core half, clamping force for AL measurements, 20+/-10N unless otherwise stated.

Properties of core sets under power conditions

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	63 ± 3%	≈ 76	≈ 960	EFD2023-P3
	100 ± 3%	≈ 121	≈ 510	EFD2023-P3
	160 ± 5%	≈ 193	≈ 280	EFD2023-P3
	250 ± 8%	≈ 302	≈ 160	EFD2023-P3
	315 ± 10%	≈ 380	≈ 120	EFD2023-P3
	1100 ± 25%	≈ 1570	≈ 0	EFD2023-P3
P4	63 ± 3%	≈ 76	≈ 960	EFD2023-P4
	100 ± 3%	≈ 121	≈ 510	EFD2023-P4
	160 ± 5%	≈ 193	≈ 280	EFD2023-P4
	250 ± 8%	≈ 302	≈ 160	EFD2023-P4
	315 ± 10%	≈ 380	≈ 120	EFD2023-P4
	1100 ± 25%	≈ 1570	≈ 0	EFD2023-P4
HQ2KA	1000 ± 25%	≈ 1450	≈ 0	EFD2023-HQ2KA
HQ2K	63 ± 3%	≈ 76	≈ 960	EFD2023-HQ2K
	100 ± 3%	≈ 121	≈ 510	EFD2023-HQ2K
	160 ± 5%	≈ 193	≈ 280	EFD2023-HQ2K
	250 ± 8%	≈ 302	≈ 160	EFD2023-HQ2K
	315 ± 10%	≈ 380	≈ 120	EFD2023-HQ2K
	1100 ± 25%	≈ 1450	≈ 0	EFD2023-HQ2K
P5	900 ± 25%	≈ 780	≈ 0	EFD2023-P5

Grade	B (mT)at	Core loss (w) at			
	H=250 A/m F=25KHz T=100℃	F=25 KHz B=200mT T=100℃	f=100 KHz B=100mT T=100℃	F=100 KHz B=200mT T=100℃	F=400 KHz B=50mT T=100℃
P3	≥330	≤0.16	≤0.17	-	-
P4	≥330	-	≤0.13	≤0.8	-
HQ2KA	≥330	-	≤0.1	≤0.6	≤0.26
HQ2K	≥315	-	≤0.17	-	≤0.28
P5	≥300	-	-	-	≤0.13

Properties of core sets under power conditions (continued)

Grade	B (mT)at	Core loss (w) at			
	H=250 A/m F=25KHz T=100℃	F=500 KHz B=100mT T=100℃	F=1.0 Mhz B=30mT T=100℃	F=1.0MHz B=50mT T=100℃	F=3.0MHz B=10mT T=100℃
P3	≥330	-	-	-	-
P4	≥330	-	-	-	-
HQ2KA	≥330	≤0.5	-	-	-
HQ2K	≥315	-	-	-	-
P5	≥300	≤0.2	≤1.5	-	-

Note:

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