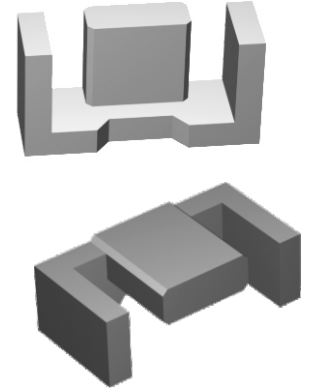
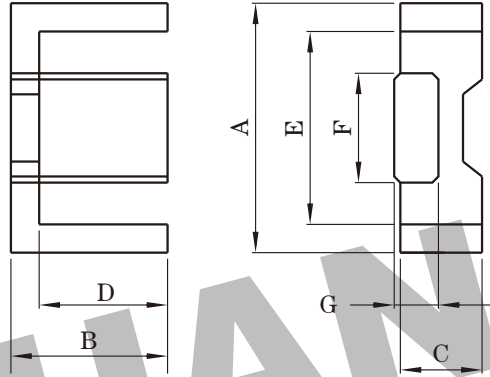


Dimension: (UNIT:mm)

A	13.2 ± 0.3
B	6.6 ± 0.2
C	4.6 ± 0.2
D	4.5 ± 0.2
E	10.7 ± 0.25
F	5.6 ± 0.25
G	2.05 ± 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)
3.01	9.80	29.5	289	≈0.8

Core sets of high permeability grades.
Clamping force for Al measurements, 10+/-5N

Core sets

Clamping force for Al measurements, 15+/-5N

Grade	AL (nH)	μe	AIR GAP μm	Type number
H5K	2700+40/-30%	≈5270	≈0	EFD13-H5K

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	40 ± 5%	≈ 80	≈ 540	EFD13-P3
	63 ± 8%	≈ 125	≈ 290	EFD13-P3
	100 ± 10%	≈ 200	≈ 160	EFD13-P3
	800 ± 25%	≈ 1610	≈ 0	EFD13-P3
P4	40 ± 5%	≈ 80	≈ 540	EFD13-P4
	63 ± 8%	≈ 125	≈ 290	EFD13-P4
	100 ± 10%	≈ 200	≈ 160	EFD13-P4
	800 ± 25%	≈ 1610	≈ 0	EFD13-P4
HQ2KA	750 ± 25%	≈ 1460	≈ 0	EFD13-HQ2KA
HQ2K	40 ± 5%	≈ 80	≈ 540	EFD13-HQ2K
	63 ± 8%	≈ 125	≈ 290	EFD13-HQ2K
	100 ± 10%	≈ 200	≈ 160	EFD13-HQ2K
	700 ± 25%	≈ 1370	≈ 0	EFD13-HQ2K
P5	550 ± 25%	≈ 1070	≈ 0	EFD13-P5

Properties of core sets under power conditions

Grade	Core loss (w) at				
	B (mT) at H=250 A/m F=25KHz T=100°C	F=100 KHz B=100mT T=100°C	f=100 KHz B=200mT T=100°C	F=400 KHz B=50mT T=100°C	F=500 KHz B=50mT T=100°C
P3	≥ 320	≤ 0.036	-	-	-
P4	≥ 320	≤ 0.029	≤ 0.2	-	-
HQ2KA	≥ 340	≤ 0.022	≤ 0.15	≤ 0.06	≤ 0.12
HQ2K	≥ 315	≤ 0.04	-	≤ 0.065	-
P5	≥ 300	-	-	≤ 0.03	≤ 0.045

Properties of core sets under power conditions (continued)

Grade	Core loss (w) at				
	B (mT) at H=250 A/m F=25KHz T=100°C	F=500 KHz B=100mT T=100°C	F=1.0 Mhz B=30mT 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	-	-	-	-
HQ2K	≥ 315	-	-	-	-
P5	≥ 300	≤ 0.35	-	-	-

Note:

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