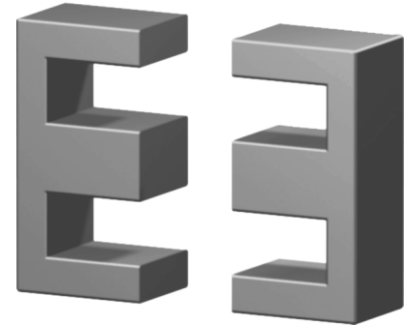
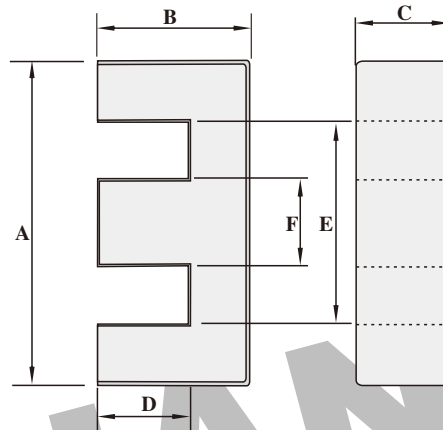


Dimension: (UNIT:mm)

A	43-1.7
B	21 ± 0.2
C	20-0.8
D	14.8+0.6
E	29.5Min
F	12.2-0.5
G	
H	



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)
0.417	233	97.0	22700	≈56

Core halves

AL measured in combination with a non-gapped core half, clamping force for Al measurements, 40+/-20N unless otherwise stated.

Core halves of high permeability grades. Clamping force for Al measurements, 40+/-20N

Grade	AL (nH)	μ_e	AIR GAP μm	Type number
P3	100 ± 5%	≈ 33	≈ 5320	EE4220-P3
	160 ± 5%	≈ 53	≈ 2800	EE4220-P3
	250 ± 5%	≈ 83	≈ 1540	EE4220-P3
	315 ± 5%	≈ 104	≈ 1160	EE4220-P3
	400 ± 8%	≈ 133	≈ 850	EE4220-P3
	630 ± 15%	≈ 209	≈ 490	EE4220-P3
	5000 ± 25%	≈ 1660	≈ 0	EE4220-P3
P4	5200 ± 25%	≈ 1720	≈ 0	EE4220-HQ2KA
HQ2K	100 ± 5%	≈ 33	≈ 5320	EE4220-HQ2K
	160 ± 5%	≈ 53	≈ 2800	EE4220-HQ2K
	250 ± 5%	≈ 83	≈ 1540	EE4220-HQ2K
	315 ± 5%	≈ 104	≈ 1160	EE4220-HQ2K
	400 ± 8%	≈ 133	≈ 850	EE4220-HQ2K
	630 ± 15%	≈ 209	≈ 490	EE4220-HQ2K
	4600 ± 25%	≈ 1520	≈ 0	EE4220-HQ2K

Grade	AL (nH)	μ_e	AIR GAP μm	Type number
H7K	10500 ± 25%	≈ 3480	≈ 0	EE4220-H7K

Properties of core sets under power conditions

Grade	B (mT) at	Core loss (w) at			
	H=250 A/m F=25KHz T=100°C	F=25 KHz B=200mT 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
P3	≥ 320	≤ 2.4	≤ 2.9	-	-
P4	≥ 320	-	≤ 2.3	≤ 12	-
HQ2K	≥ 320	-	≤ 2.7	-	≤ 5.0

Note:

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- 2: RoHS compliant.