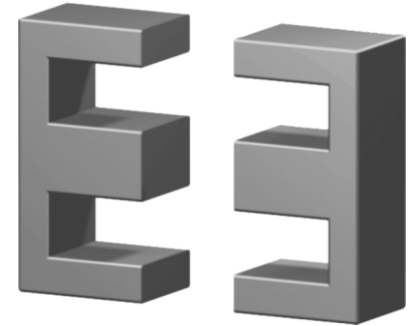
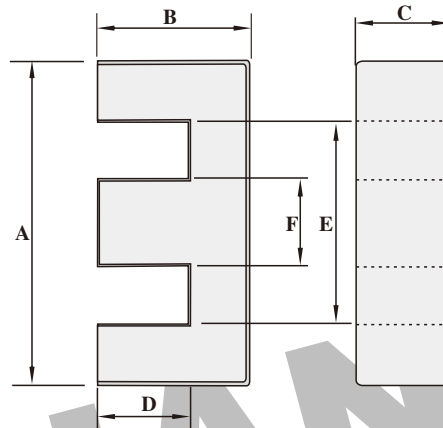


Dimension: (UNIT:mm)

A	40.6 ± 0.65
B	16.6 ± 0.2
C	12.4 ± 0.3
D	10.4Min
E	28.6 Min
F	12.45±0.25
G	
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)
0.517	149	77.0	11500	≈30

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)	μe	AIR GAP μm	Type number
P3	100 ± 5%	≈ 41	≈ 3000	EE41-P3
	160 ± 5%	≈ 66	≈ 1620	EE41-P3
	250 ± 5%	≈ 103	≈ 920	EE41-P3
	315 ± 5%	≈ 130	≈ 690	EE41-P3
	400 ± 8%	≈ 164	≈ 520	EE41-P3
	630 ± 15%	≈ 259	≈ 300	EE41-P3
	4100 ± 25%	≈ 1670	≈ 0	EE41-P3
P4	4100 ± 25%	≈ 1670	≈ 0	EE41-P4
HQ2K	100 ± 5%	≈ 41	≈ 3000	EE41-HQ2K
	160 ± 5%	≈ 66	≈ 1620	EE41-HQ2K
	250 ± 5%	≈ 103	≈ 920	EE41-HQ2K
	315 ± 5%	≈ 130	≈ 690	EE41-HQ2K
	400 ± 8%	≈ 164	≈ 520	EE41-HQ2K
	630 ± 15%	≈ 259	≈ 300	EE41-HQ2K
	3575 ± 25%	≈ 1470	≈ 0	EE41-HQ2K

Grade	AL (nH)	μe	AIR GAP μm	Type number
H7K	9400 ± 25%	≈ 3870	≈ 0	EE41-H7K

Properties of core sets under power conditions

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	≥320	≤1.3	≤1.45	-	-
P4	≥320	-	≤1.1	≤6.4	-
HQ2K	≥320	-	≤1.4	-	≤2.2

Note:

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- 2: RoHS compliant.