



PAIRUI

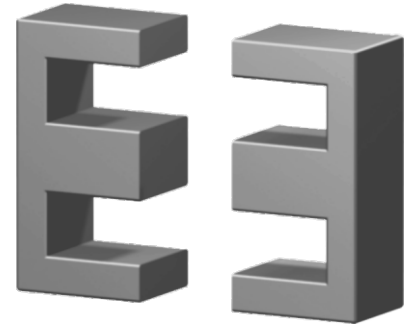
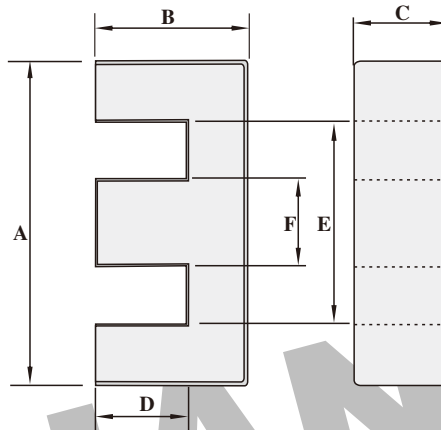
FUAN

SPECIFICATION

EE70

Dimension: (UNIT:mm)

A	70.0 ± 1.0
B	35.0 ± 0.3
C	31.75 ± 0.3
D	22.2 ± 0.7
E	48.0Min
F	21.65 ± 0.8
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)
0.208	700	145.5	19200	≈270

Core halves

AL measured in combination with a non-gapped core half, clamping force for AL measurements, 60 +/- 20N unless otherwise stated.

Properties of core sets under power conditions

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	100 ± 5%	≈ 17	≈ 8900	EE70-P3
	160 ± 5%	≈ 28	≈ 4810	EE70-P3
	250 ± 5%	≈ 43	≈ 2640	EE70-P3
	315 ± 5%	≈ 55	≈ 1950	EE70-P3
	400 ± 8%	≈ 69	≈ 1430	EE70-P3
	630 ± 10%	≈ 109	≈ 810	EE70-P3
	12800 ± 25%	≈ 1880	≈ 0	EE70-P3
P4	12800 ± 25%	≈ 1880	≈ 0	EE70-P4
HQ2K	100 ± 5%	≈ 17	≈ 8900	EE70-HQ2K
	160 ± 5%	≈ 28	≈ 4810	EE70-HQ2K
	250 ± 5%	≈ 43	≈ 2640	EE70-HQ2K
	315 ± 5%	≈ 55	≈ 1950	EE70-HQ2K
	400 ± 8%	≈ 69	≈ 1430	EE70-HQ2K
	630 ± 10%	≈ 109	≈ 810	EE70-HQ2K
	10000 ± 25%	≈ 1740	≈ 0	EE70-HQ2K

Grade	B (mT) at H=250 A/m F=25KHz T=100°C	Core loss (w) at			
		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	≤12	≤16.5	-	-
P4	≥320	-	≤11.5	≤60	-
HQ2K	≥320	-	≤14	-	≤29

Note:

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