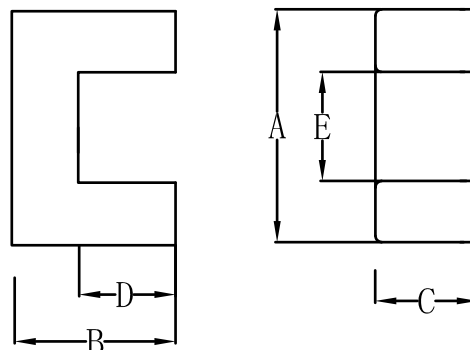


Dimensions: (UNIT:mm)

A	9.8 ± 0.2
B	7.2 ± 0.2
C	2.70 ± 0.2
D	4.4 ± 0.15
E	4.10Min
F	
G	
H	



Test conditions

AL: F=10KHz U=0.1V N=10Ts

Effective parameter

C1(mm) ⁻¹	Ae(mm ²)	Le(mm)	Ve(mm ³)	Weight(g)
4.30	8.0	34	271.0	≈1.26

Core halves

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

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	450 ± 25%	≈0	≈0	UF9.8-P3
P4	450 ± 25%	≈0	≈0	UF9.8-P4

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

Grade	AL(nH)	μe	AIR GAP μm	Type number
H5K	980±25%	≈0	≈0	UF9.8-H5K
H7K	1200±25%	≈0	≈0	UF9.8-H7K
H10K	2500±30%	≈0	≈0	UF9.8-H10K
H12K	3000±30%	≈0	≈0	UF9.8-H12K

Properties of core sets under power conditions

Grade	B (mT)at H=250 A/m F=25KHz T=100°C	Core loss (w) at			
		F=25 KHz B̂=200mT T=100°C	f=100 KHz B̂=100mT T=100°C	F=100 KHz B̂=200mT T=100°C	F=400 KHz B̂=50mT T=100°C
P3	≥320	≤0.04	≤0.04	-	-
P4	≥320	-	≤0.03	≤0.2	-

Properties of core sets under power conditions (continued)

Grade	B (mT)at H=250 A/m F=25KHz T=100°C	Core loss (w) at			
		F=500 KHz B̂=50mT T=100°C	F=500 KHz B̂=100mT T=100°C	F=1.0 MHz B̂=30mT T=100°C	F=1.0 MHz B̂=50mT T=100°C
P3	≥320	-	-	-	-
P4	≥320	-	-	-	-

Note:

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