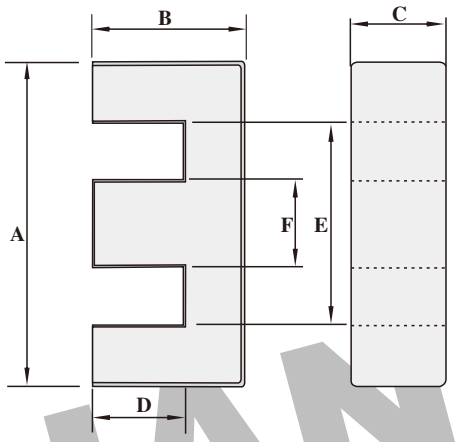
PAIRUI

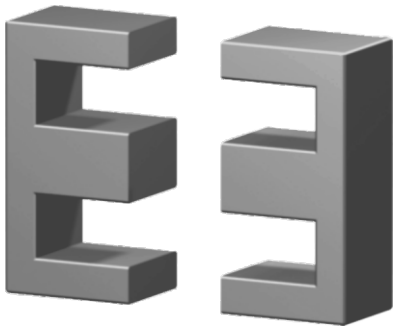
FUAN

SPECIFICATION EE56/24/19

Dimension: (UNIT:mm)

A	56.1 ± 1.0
B	23.65 ± 0.25
C	18.8 ± 0.25
D	14.6 ± 0.13
E	38.1Min
F	18.8 ± 0.25
G	
H	





Test condiTIons

AL: F=1.0KHz U=0.3V N=10Ts

Effective parameter

C1(mm)$^{-1}$	Ae(mm2)	Le(mm)	Ve(mm3)	Weight(g)
0.32	337	107	36000	≈90

Core halves

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

Core halves of high permeability grades.
Clamping force for Al measurements,60+/-20N

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	100 ± 5%	≈25	≈7780	EE56-P3
	160 ± 5%	≈40	≈4160	EE56-P3
	250 ± 5%	≈63	≈2320	EE56-P3
	315 ± 5%	≈80	≈1720	EE56-P3
	400 ± 8%	≈101	≈1280	EE56-P3
	630 ± 10%	≈159	≈740	EE56-P3
	6900 ± 25%	≈1740	≈0	EE56-P3
P4	6900 ± 25%	≈1740	≈0	EE56-P4

Grade	AL (nH)	μe	AIR GAP μm	Type number
H7K	14580 ± 25%	≈3680	≈0	EE56-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 B̂=200mT T=100℧	f=100 KHz B̂=100mT T=100℧	F=100 KHz B̂=200mT T=100℧	F=400 KHz B̂=50mT T=100℧
P3	⩾320	⩽3.6	⩽4.8	–	–
P4	⩾330	-	⩽3.6	⩽22	–

Note:

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