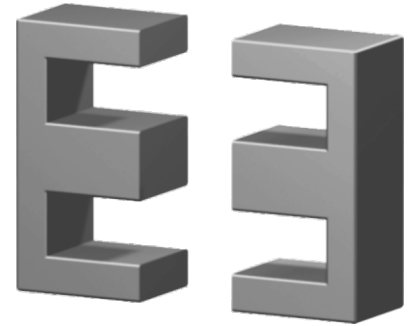
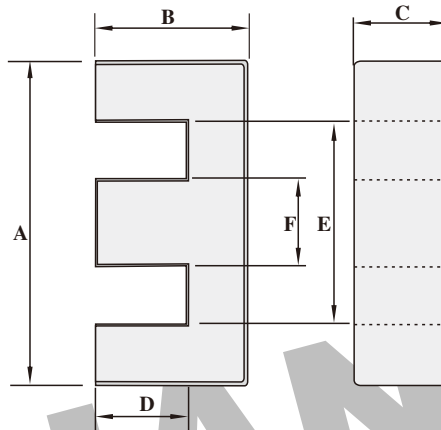


Dimension: (UNIT:mm)

A	80.0 ± 1.6
B	38.1 ± 0.3
C	19.8 ± 0.4
D	28.2 ± 0.3
E	59.1 Min
F	19.8 ± 0.4
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)
0.47	392	184	72300	≈180

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%	≈ 37	≈ 10800	EE80-P3
	160 ± 5%	≈ 60	≈ 5540	EE80-P3
	250 ± 5%	≈ 93	≈ 2900	EE80-P3
	315 ± 5%	≈ 118	≈ 2120	EE80-P3
	400 ± 8%	≈ 149	≈ 1540	EE80-P3
	630 ± 10%	≈ 235	≈ 860	EE80-P3
	5070 ± 25%	≈ 1890	≈ 0	EE80-P3
P4	5070 ± 25%	≈ 1890	≈ 0	EE80-P4
HQ2K	100 ± 5%	≈ 37	≈ 10800	EE80-HQ2K
	160 ± 5%	≈ 60	≈ 5540	EE80-HQ2K
	250 ± 5%	≈ 93	≈ 2900	EE80-HQ2K
	315 ± 5%	≈ 118	≈ 2120	EE80-HQ2K
	400 ± 8%	≈ 149	≈ 1540	EE80-HQ2K
	630 ± 10%	≈ 235	≈ 860	EE80-HQ2K
	4590 ± 25%	≈ 1710	≈ 0	EE80-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	≤7.2	≤10	-	-
P4	≥320	-	≤7.5	≤45	-

Note:

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- 2: RoHS compliant.