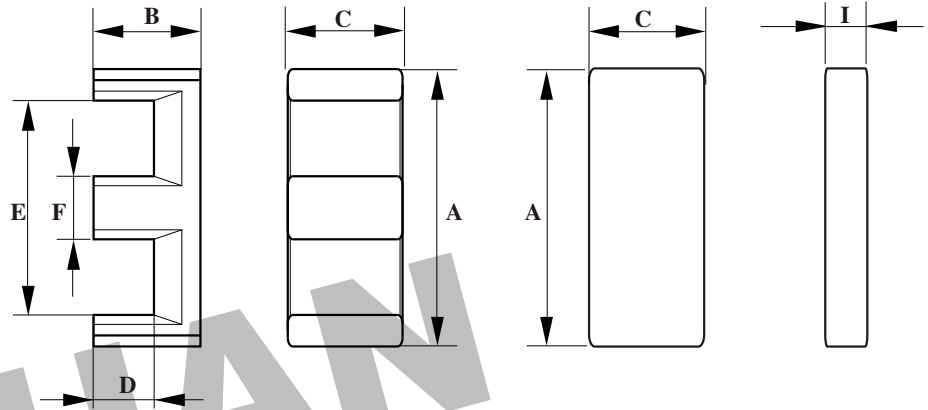


Dimension: (UNIT:mm)

A	58.42 ± 1.17
B	10.54 ± 0.2
C	38.1 ± 0.78
D	6.35Min
E	50.39Min
F	8.1±0.2
I	4.04 ± 0.12

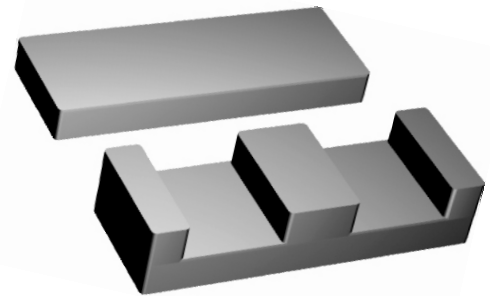


Test conditions

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

Effective parameter

C1(mm) ¹	Ae(mm ²)	Le(mm)	Ve(mm ³)	Weight(g)
0.224	305	68.3	20829	≈110



Core halves for use in combination with a plate (PLT)
AL measured in combination with a plate (PLT),
clamping force for AL measurements, 40+/-20N

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	315 ± 3%	≈56	≈ 1400	PEI58-P3
	400 ± 3%	≈71	≈ 1100	PEI58-P3
	630 ± 5%	≈112	≈ 650	PEI58-P3
	1000 ± 5%	≈178	≈ 400	PEI58-P3
	1600 ± 10%	≈285	≈ 200	PEI58-P3
	9970 ± 25%	≈780	≈ 0	PEI58-P3
P4	315 ± 3%	≈56	≈ 1400	PEI58-P4
	400 ± 3%	≈71	≈ 1100	PEI58-P4
	630 ± 5%	≈112	≈ 650	PEI58-P4
	1000 ± 5%	≈178	≈ 400	PEI58-P4
	1600 ± 10%	≈285	≈ 200	PEI58-P4
	9970 ± 25%	≈780	≈ 0	PEI58-P4
HQ2K	315 ± 3%	≈56	≈ 1400	PEI58-HQ2K
	400 ± 3%	≈71	≈ 1100	PEI58-HQ2K
	630 ± 5%	≈112	≈ 650	PEI58-HQ2K
	1000 ± 5%	≈178	≈ 400	PEI58-HQ2K
	1600 ± 10%	≈285	≈ 200	PEI58-HQ2K
	9070 ± 25%	≈1620	≈ 0	PEI58-HQ2K

Properties of core sets under power conditions

Grade	B (mT)at	Core loss (w) at		
	H=250 A/m F=10KHz T=100°C	F=100KHz B=100mT T=100°C	f=100 KHz B=200mT T=100°C	F=400 KHz B=50mT T=100°C
P3	≥320	≤2.6	-	-
P4	≥320	≤2.0	≤13	-
HQ2K	≥300	≤2.6	-	≤4.0

Properties of core sets under power conditions (continued)

Grade	B (mT)at	Core loss (w) at			
	H=250 A/m F=10KHz T=100°C	F=500 KHz B=50mT T=100°C	F=500KHz B=100mT T=100°C	F=1.0MHz B=30mT T=100°C	F=3.0MHz B=10mT T=100°C
P3	≥320	-	-	-	-
P4	≥320	-	-	-	-
HQ2K	≥300	-	-	-	-

Note:

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- 2: RoHS compliant.