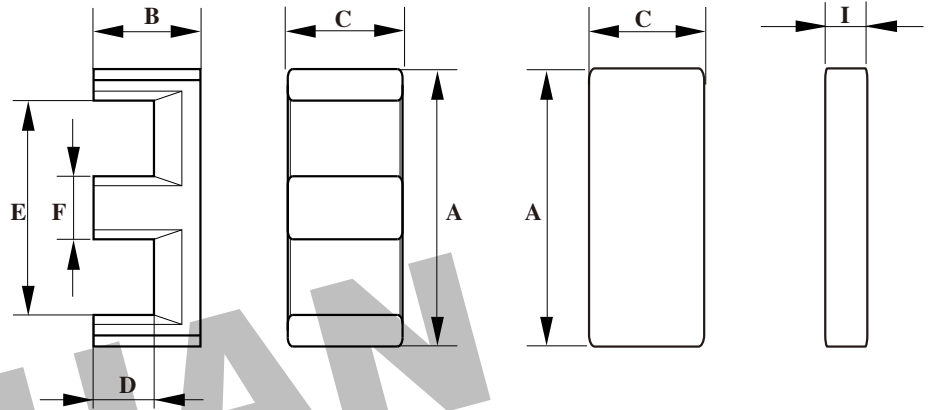


Dimension: (UNIT:mm)

A	38.1 ± 0.76
B	8.26 ± 0.13
C	25.4 ± 0.51
D	4.45 ± 0.13
E	30.23Min
F	7.62 ± 0.15
I	3.81 ± 0.13

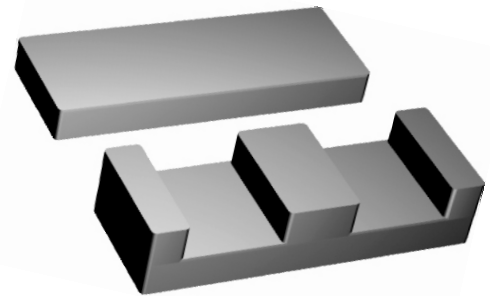


Test conditions

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

Effective parameter

C1(mm) ¹	Ae(mm ²)	Le(mm)	Ve(mm ³)	Weight(g)
0.225	194	43.7	8460	≈42.5



Core halves for use in combination with a plate (PLT)
AL measured in combination with a plate (PLT),
clamping force for AL measurements, 40+/- 15N

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	250±3%	≈45	≈ 1100	PEI38-P3
	315 ± 3%	≈57	≈ 850	PEI38-P3
	400 ± 3%	≈72	≈ 650	PEI38-P3
	630±5%	≈113	≈ 400	PEI38-P3
	1000 ± 10%	≈180	≈ 250	PEI38-P3
	9250 ± 25%	≈1660	≈ 0	PEI38-P3
P4	250 ± 3%	≈45	≈ 1100	PEI38-P4
	315 ± 3%	≈57	≈ 850	PEI38-P4
	400 ± 3%	≈72	≈ 650	PEI38-P4
	630 ± 5%	≈113	≈ 400	PEI38-P4
	1000 ± 10%	≈180	≈ 250	PEI38-P4
	9250±25%	≈1660	≈ 0	PEI38-P4
HQ2K	250 ± 3%	≈45	≈ 1100	PEI38-HQ2K
	315 ± 3%	≈57	≈ 850	PEI38-HQ2K
	400 ± 3%	≈72	≈ 650	PEI38-HQ2K
	630 ± 5%	≈113	≈ 400	PEI38-HQ2K
	1000 ± 10%	≈180	≈ 250	PEI38-HQ2K
	8500±25%	≈1520	≈ 0	PEI38-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	≤ 1.05	-	-
P4	≥320	≤ 0.85	≤ 5.0	-
HQ2K	≥300	≤ 1.1	-	≤ 1.65

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.