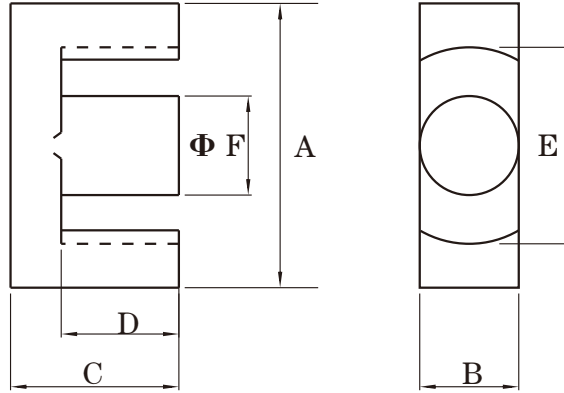


Dimension: (UNIT:mm)

A	59.8 ± 1.3
B	21.65 ± 0.45
C	31.0 ± 0.2
D	22.5 ± 0.4
E	43.6Min
F	21.65 ± 0.45
G	
H	

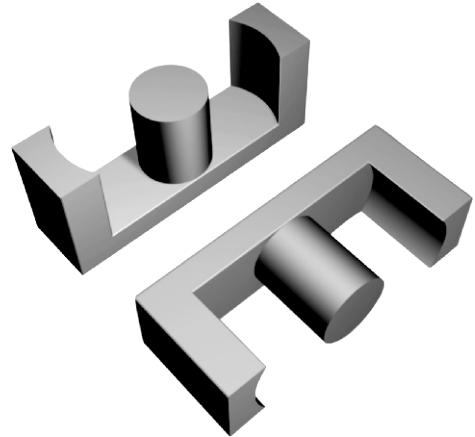


Test conditions

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

Effective parameter

C1(mm) ⁻¹	Ae(mm ²)	Le(mm)	Ve(mm ³)	Weight(g)
0.378	368	139	51500	≈130



Core halves.

Clamping force for Al measurements, 70+/-20N.
gapped cores are available on request.

Grade	AL (nH)	μe	AIR GAP μm	Type number
P3	6000 ± 25%	≈ 1800	≈ 0	ETD59-P3
P4	6000 ± 25%	≈ 1800	≈ 0	ETD59-P4
HQ2K	5600 ± 25%	≈ 1680	≈ 0	ETD59-HQ2K

Properties of core sets under power conditions

Grade	Core loss (w) at				
	B (mT) at H=250 A/m F=25KHz T=100°C	F=25 KHz B=200mT T=100°C	f=100 KHz B=100mT T=100°C	F=100 KHz B=200 mT T=100°C	F=400 KHz B=50mT T=100°C
P3	≥ 330	≤ 6.2	≤ 7.3	-	-
P4	≥ 330	-	≤ 5.2	≤ 31	-
HQ2K	≥ 320	-	≤ 6.7	-	≤ 12.8

Note:

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- 2: RoHS compliant.