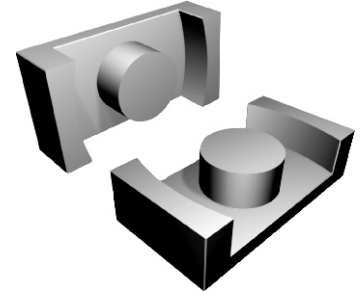
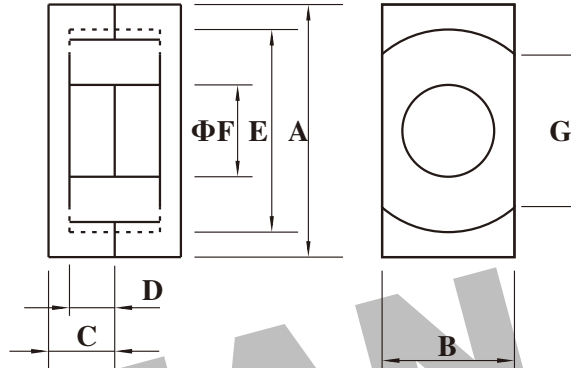


Dimension: (UNIT:mm)

A	10.8 ± 0.20
B	5.9 ± 0.1
C	2.45 ± 0.05
D	1.07 ± 0.08
E	8.85 ± 0.15
F	4.12 ± 0.13
G	8.1 ± 0.1
H	



**Test conditions**

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

**Effective parameter**

C1(mm) <sup>-1</sup>	Ae(mm <sup>2</sup> )	Le(mm)	Ve(mm <sup>3</sup> )	Weight(g)
1.23	11.9	14.7	174	≈0.5

Core sets for general purpose transformers and Power applications.

Clamping force for Al measurements, 15+/-5N.

Core sets of high permeability grades.  
Clamping force for Al measurements, 15+/-5N

Grade	AL (nH)	μe	AIR GAP μm	Type number
H10K	5000+40/-30%	≈4920	≈0	EER 11/5-H10K
H12K	6700+40/-30%	≈6590	≈0	EER 11/5-H12K

Grade	AL (nH)	μe	AIR GAP μm	Type number
P4	100 ± 3%	≈ 98	≈ 170	EER 11/5-P4
	160 ± 5%	≈ 157	≈ 100	EER 11/5-P4
	250 ± 8%	≈ 246	≈ 60	EER 11/5-P4
	1400 ± 25%	≈ 1370	≈ 0	EER 11/5-P4
HQ2KA	1250 ± 25%	≈ 1220	≈ 0	EER 11/5-HQ2KA
HQ2K	100 ± 3%	≈ 98	≈ 170	EER 11/5-HQ2K
	160 ± 5%	≈ 157	≈ 100	EER 11/5-HQ2K
	250 ± 8%	≈ 246	≈ 60	EER 11/5-HQ2K
	1200 ± 25%	≈ 1170	≈ 0	EER 11/5-HQ2K
P5	1000 ± 25%	≈ 980	≈ 0	EER 11/5-P5

**Properties of core sets under power conditions**

Grade	B (mT)at H=250 A/m F=25KHz T=100°C	Core loss (w) at			
		F=100 KHz B=100mT T=100°C	f=100 KHz B=200mT T=100°C	F=400 KHz B=50mT T=100°C	F=500 KHz B=50mT T=100°C
P4	≥ 320	≤ 0.018	≤ 0.1	-	-
HQ2KA	≥ 340	≤ 0.014	≤ 0.08	≤ 0.033	≤ 0.065
HQ2K	≥ 300	≤ 0.025	-	≤ 0.04	-
P5	≥ 300	-	-	≤ 0.016	≤ 0.023

**Properties of core sets under power conditions (continued)**

Grade	B (mT)at H=250 A/m F=25KHz T=100°C	Core loss (w) at			
		F=500 KHz B=100mT T=100°C	F=1 Mhz B=30mT T=100°C	F=1.0 MHz B=50mT T=100°C	F=3.0MHz B=10mT T=100°C
P4	≥ 320	-	-	-	-
HQ2KA	≥ 340	-	-	-	-
HQ2K	≥ 300	-	-	-	-
P5	≥ 300	≤ 0.18	-	-	-

**Note:**

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- 2: RoHS compliant.