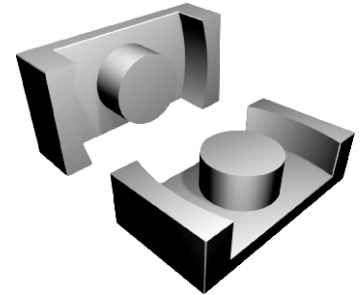
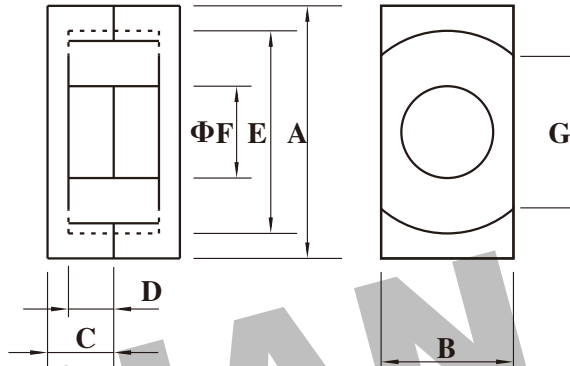


Dimension: (UNIT:mm)

A	14.5 ± 0.2
B	6.7 ± 0.1
C	2.95 ± 0.05
D	1.65 ± 0.1
E	11.8 ± 0.2
F	4.7 ± 0.1
G	11.8 ± 0.2
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)
1.08	17.6	19.0	333	≈0.9

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

Grade	AL (nH)	μ <sub>e</sub>	AIR GAP μm	Type number
H12K	7900+40/-30%	≈6800	≈0	EER 14.5/7-H12K

Core sets for general purpose transformers and Power applications.

Clamping force for Al measurements, 10+/-5N.

Grade	AL (nH)	μ <sub>e</sub>	AIR GAP μm	Type number
P4	100 ± 3%	≈86	≈250	EER 14.5/7-P4
	160 ± 5%	≈137	≈150	EER 14.5/7-P4
	250 ± 8%	≈215	≈90	EER 14.5/7-P4
	1600 ± 25%	≈1370	≈0	EER 14.5/7-P4
HQ2KA	1500 ± 25%	≈1290	≈0	EER 14.5/7-HQ2KA
HQ2K	100 ± 3%	≈86	≈170	EER 14.5/7-HQ2K
	160 ± 5%	≈137	≈100	EER 14.5/7-HQ2K
	250 ± 8%	≈215	≈70	EER 14.5/7-HQ2K
	1400 ± 25%	≈1200	≈0	EER 14.5/7-HQ2K
P5	1150 ± 25%	≈990	≈0	EER 14.5/7-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 B̂=100mT T=100°C	f=100 KHz B̂=200mT T=100°C	F=400 KHz B̂=50mT T=100°C	F=500 KHz B̂=50mT T=100°C
P4	≥320	≤0.032	≤0.2	-	-
HQ2KA	≥340	≤0.025	≤0.16	≤0.06	≤0.013
HQ2K	≥300	≤0.043	-	≤0.061	-
P5	≥300	-	-	≤0.03	≤0.045

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 B̂=100mT T=100°C	F=1 Mhz B̂=30mT T=100°C	F=1.0 MHz B̂=50mT T=100°C	F=3.0MHz B̂=10mT T=100°C
P4	≥320	-	-	-	-
HQ2KA	≥340	-	-	-	-
HQ2K	≥300	-	-	-	-
P5	≥300	≤0.35	-	-	-

**Note:**

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- 2: RoHS compliant.