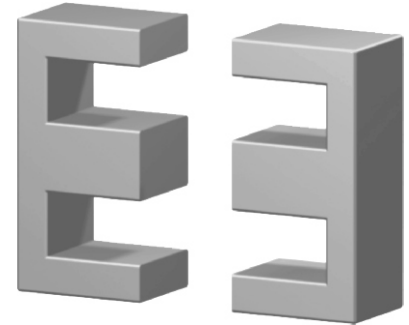
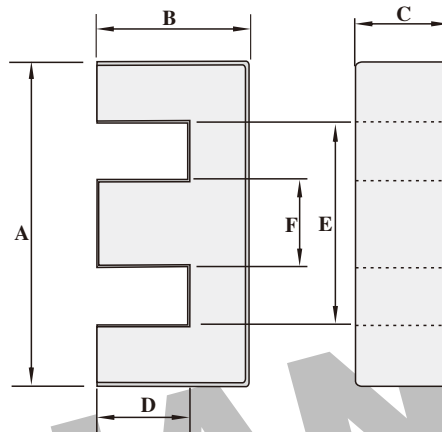


Dimension: (UNIT:mm)

A	32.0 <sup>+0.9</sup> <sub>-0.7</sub>
B	16.4 <sup>0</sup> <sub>-0.4</sub>
C	9.5 <sup>0</sup> <sub>-0.7</sub>
D	11.2 <sup>+0.6</sup> <sub>0</sub>
E	22.7+1.2
F	9.5 <sup>0</sup> <sub>-0.6</sub>
G	
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)
0.894	83.0	74.0	6180	≈16

Core halves of high permeability grades.

Clamping force for Al measurements, 20+/-10N

**Core halves**

AL measured in combination with a non-gapped core half, clamping force for Al measurements, 40+/-20N unless stated otherwise.

Grade	AL (nH)	$\mu_e$	AIR GAP $\mu_m$	Type number
H5K	4000 ± 25%	≈2840	≈0	EF 32-H5K
H7K	5000 ± 25%	≈3550	≈0	EF 32-H7K

Grade	AL (nH)	$\mu_e$	AIR GAP $\mu_m$	Type number
P3	100±5%	≈71	≈1600	EF 32-P3
	160 ± 5%	≈114	≈860	EF 32-P3
	250 ± 5%	≈177	≈480	EF 32-P3
	315 ± 5%	≈223	≈360	EF 32-P3
	400 ± 8%	≈284	≈260	EF 32-P3
	630 ± 15%	≈447	≈150	EF 32-P3
	2500 ± 25%	≈1770	≈0	EF 32-P3
P4	2500 ± 25%	≈1770	≈0	EF 32-P4
HQ2KA	2300 ± 25%	≈1630	≈0	EF 32-HQ2KA
HQ2K	100 ± 5%	≈71	≈1600	EF 32-HQ2K
	160 ± 5%	≈114	≈860	EF 32-HQ2K
	250 ± 5%	≈177	≈480	EF 32-HQ2K
	315 ± 5%	≈223	≈360	EF 32-HQ2K
	400 ± 8%	≈284	≈260	EF 32-HQ2K
	630 ± 15%	≈447	≈150	EF 32-HQ2K
P5	2300±25%	≈1630	≈0	EF 32-HQ2K
	1700 ± 25%	≈1210	≈0	EF 32-P5

**Properties of core sets under power conditions**

Grade	B (mT)at	Core loss (w) 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=200mT T=100°C	F=400 KHz B=50mT T=100°C
P3	≥330	≤0.65	≤0.7	-	-
P4	≥330	-	≤0.55	≤3.2	-
HQ2KA	≥340	-	≤0.43	≤.5	-
HQ2K	≥320	-	≤0.75	-	≤1.3
P5	≥300	-	-	-	-

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

Grade	B (mT)at	Core loss (w) at			
	H=250 A/m F=25KHz T=100°C	F=500 KHz B=50mT T=100°C	F=500 KHz B=100mT T=100°C	F=1.0MHz B=30mT T=100°C	F=3.0MHz B=10mT T=100°C
P3	≥330	-	-	-	-
P4	≥330	-	-	-	-
HQ2KA	≥340	≤2.3	-	-	-
HQ2K	≥320	-	-	-	-
P5	≥300	≤0.83	≤6.5	-	-

**Note:**

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- 2: RoHS compliant.