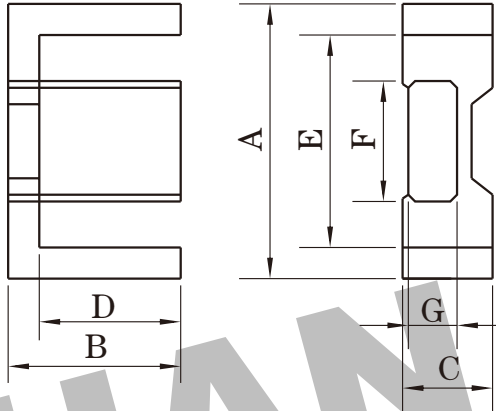


**Dimension: (UNIT:mm)**

A	25.0 ± 0.65
B	12.5 ± 0.15
C	9.1 ± 0.2
D	9.3 ± 0.25
E	18.7 ± 0.6
F	11.4 ± 0.2
G	5.2 ± 0.15
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)
1.00	58.0	57.0	3300	≈8

**Core halves and sets**

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

**Properties of core sets under power conditions**

Grade	AL (nH)	$\mu e$	AIR GAP $\mu m$	Type number
P3	160 ± 3%	≈ 125	≈ 570	EFD25-P3
	250 ± 3%	≈ 196	≈ 320	EFD25-P3
	315 ± 5%	≈ 246	≈ 240	EFD25-P3
	400 ± 8%	≈ 313	≈ 180	EFD25-P3
	630 ± 10%	≈ 493	≈ 100	EFD25-P3
	2200 ± 25%	≈ 1720	≈ 0	EFD25-P3
P4	160 ± 3%	≈ 125	≈ 570	EFD25-P4
	250 ± 3%	≈ 196	≈ 320	EFD25-P4
	315 ± 5%	≈ 246	≈ 240	EFD25-P4
	400 ± 8%	≈ 131	≈ 180	EFD25-P4
	630 ± 10%	≈ 493	≈ 100	EFD25-P4
2200 ± 25%	≈ 1720	≈ 0	EFD25-P4	
HQ2KA	2000 ± 25%	≈ 1560	≈ 0	EFD25-HQ2KA
HQ2K	160 ± 3%	≈ 125	≈ 570	EFD25-HQ2K
	250 ± 3%	≈ 196	≈ 320	EFD25-HQ2K
	315 ± 5%	≈ 246	≈ 240	EFD25-HQ2K
	400 ± 8%	≈ 313	≈ 180	EFD25-HQ2K
	630 ± 10%	≈ 493	≈ 100	EFD25-HQ2K
	2000 ± 25%	≈ 1560	≈ 0	EFD25-HQ2K
P5	1500 ± 25%	≈ 1170	≈ 0	EFD25-P5

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	≤ 0.35	≤ 0.38	-	-
P4	≥ 330	-	≤ 0.30	≤ 1.8	-
HQ2KA	≥ 330	-	≤ 0.22	≤ 1.4	≤ 0.6
HQ2K	≥ 315	-	≤ 0.38	-	≤ 0.66
P5	≥ 300	-	-	-	≤ 0.28

**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=1.0 MHz B=30mT T=100°C	F=1.0MHz B=50mT T=100°C	F=3.0MHz B=10mT T=100°C
P3	≥ 330	-	-	-	-	-
P4	≥ 330	-	-	-	-	-
HQ2KA	≥ 330	≤ 1.2	-	-	-	-
HQ2K	≥ 315	-	-	-	-	-
P5	≥ 300	≤ 0.42	≤ 3.4	-	-	-

**Note:**

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- 2: RoHS compliant.