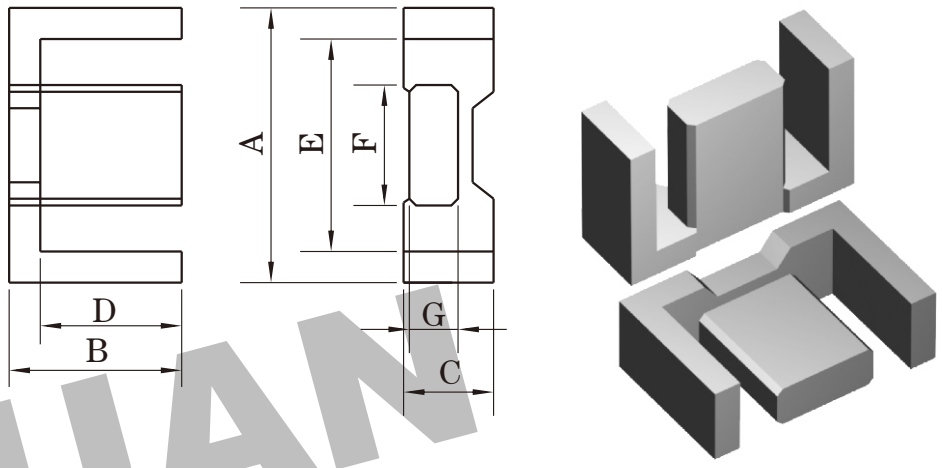
Dimension: (UNIT:mm)

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)$^{-1}$	Ae(mm2)	Le(mm)	Ve(mm3)	Weight(g)
1.00	58.0	57.0	3300	≈8

Core halves and sets

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

Grade	AL (nH)	μe	AIR GAP μm	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

Properties of core sets under power conditions

Grade	B (mT)at	Core loss (w) at			
	H=250 A/m F=25KHz T=100℃	F=25 KHz B̂=200mT T=100℃	f=100 KHz B̂=100mT T=100℃	F=100 KHz B̂=200mT T=100℃	F=400 KHz B̂=50mT T=100℃
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℃	F=500 KHz B̂=50mT T=100℃	F=500 KHz B̂=100mT T=100℃	F=1.0 MHz B̂=30mT T=100℃	F=1.0MHz B̂=50mT T=100℃	F=3.0MHz B̂=10mT T=100℃
P3	≥330	-	-	–	–	–
P4	≥330	-	-	–	–	–
HQ2KA	≥330	≤ 1.2	-	–	–	–
HQ2K	≥315	-	-	–	–	–
P5	≥300	≤ 0.42	≤ 3.4	–	–	–

Note:

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2:RoHS compliant.