



美台磁材有限公司

A&T MAGNETIC CO., LTD.

22180 新北市汐止區康寧街 169 巷 23 號 8 樓之 1

8F-1, No. 23, Lane 169, Kang Ning Streets,

Email: coregain@ms56.hinet.net

Sijhih County, Taipei, Taiwan, R.O.C.

<http://www.aandt.com.tw>

Tel: 886-2-26953400 Fax: 886-2-26950375

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AT2.1K/3K EE5521

Appearance & shape: To be free from any defect such as flow, burrs, unevenness etc, As per IEC standards.

Effective Parameters irrespective of material grade (per set)

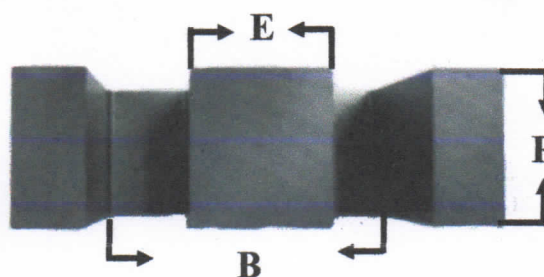
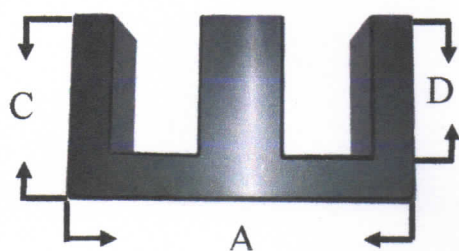
- Effective Length(L_e): 120mm
- Effective Area(A_e): 354mm²
- Effective Area(A_{Min}): 354mm²
- Effective Volume(V_e): 42500mm³

Approximate weight(without Gap): 219g/Set

AT1.9K/AT2.1K EE5525

Test Conditions: 10 KHz/150mV/CFR COIL, N=01/Lo=Zero/25°C

Material Grade	Initial permeability(M_{iac})	AL Value(nH)	Ordering code
AT2.1K	2100 ± 20%	6400+30%/-20%	AT2.1K EE5521
AT3K	3000 ± 20%	8700+30%/-20%	AT3K EE5521



Dimensions :

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A	55.0	56.2	54.1
B	37.5	38.7	
C	27.8		27.2
D	18.5	19.3	
E	17.2		16.8
F	21.0		20.4



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AT1.9K/2.1K EE5525

Appearance & shape: To be free from any defect such as flow, burrs, unevenness etc, As per IEC standards.

Effective Parameters irrespective of material grade (per set)

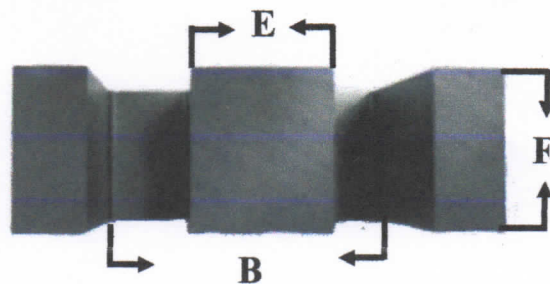
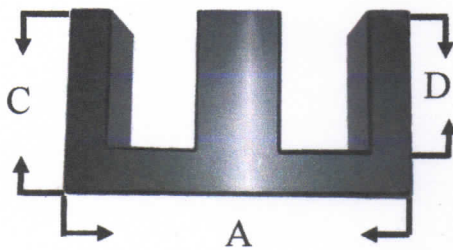
- Effective Length(L_e): 75.5mm
- Effective Area(A_e): 400.3mm²
- Effective Area(A_{Min}): 382.3mm²
- Effective Volume(V_e): 30217mm³

Approximate weight(without Gap):145g/Set

AT1.9K/AT2.1K EE5525

Test Conditions: 10 KHz/150mV/CFR COIL, N=01/Lo=Zero/25°C

Material Grade	Initial permeability(M_{iac})	AL Value(nH)	Ordering code
AT1.9K	1900 ± 20%	7250+30%/-20%	AT1.9K EE5525
AT2.1K	2100 ± 20%	7950+30%/-20%	AT2.1K EE5525



Dimensions :

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A	54.86	55.46	54.26
B	38.1	38.5	37.7
C	15.34	15.74	14.94
D	6.95	7.35	6.55
E	16.75	17.16	16.36
F	24.6	25.0	24.2



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AT2.1K EE6527

Appearance & shape: To be free from any defect such as flow, burrs, unevenness etc, As per IEC standards.

Effective Parameters irrespective of material grade (per set)

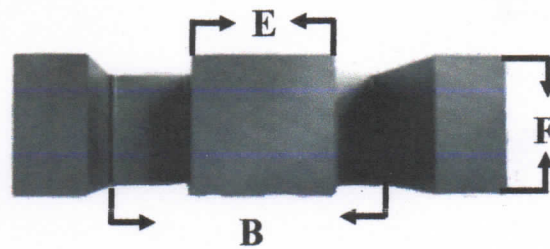
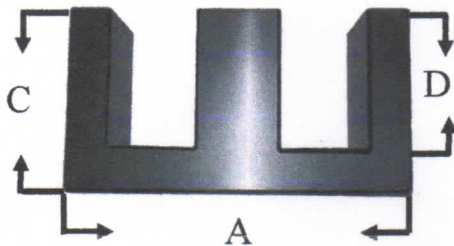
- Effective Length(L_e): 147mm
- Effective Area(A_e): 532mm²
- Effective Area(A_{Min}): 532mm²
- Effective Volume(V_e): 78200mm³

Approximate weight(without Gap):400g/Set

AT2.1K EE6527

Test Conditions:10 KHz/150mV/CFR COIL,N=01/Lo=Zero/25°C

Material Grade	Initial permeability(μ_{iac})	AL Value(nH)	Ordering code
AT2.1K	2100 ± 20%	7800+30%/-20%	AT2.1K EE6527



Dimensions :

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A	66.5		63.8
B	44.2	46.0	
C	32.5	32.8	32.2
D	22.2		21.5
E	20.0		19.3
F	27.4		26.6



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AT2.1K EE7032

Appearance & shape: To be free from any defect such as flow, burrs, unevenness etc, As per IEC standards.

Effective Parameters irrespective of material grade (per set)

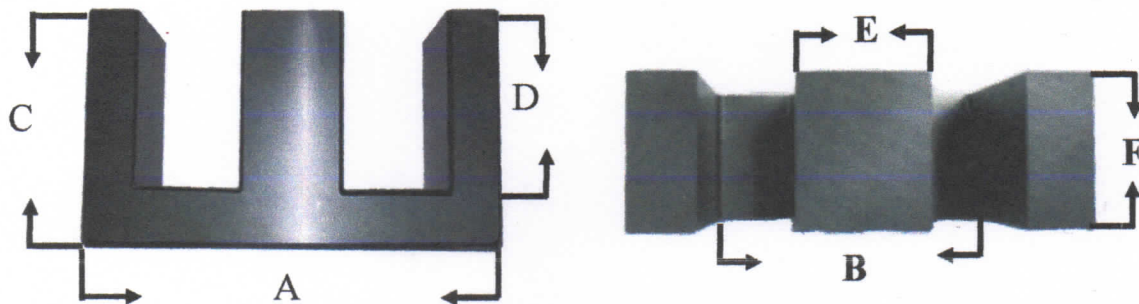
- Effective Length(L_e): 146mm
- Effective Area(A_e): 697mm²
- Effective Area(A_{Min}): 671mm²
- Effective Volume(V_e): 101922mm³

Approximate weight(without Gap): 460g/Set

AT2.1K EE7032

Test Conditions: 10 KHz/150mV/CFR COIL, N=01/Lo=Zero/25°C

Material Grade	Initial permeability(M_{iac})	AL Value(nH)	Ordering code
AT2.1K	2100 ± 20%	8200+30%/-20%	AT2.1K EE7032



Dimensions :

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A	70	71.5	68.5
B	48	48.5	47.5
C	32	32.6	31.4
D	21.9	22.6	21.2
E	22.07		22
F	32	32.5	31.5



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AT2.1K EE8020

Appearance & shape: To be free from any defect such as flow, burrs, unevenness etc, As per IEC standards.

Effective Parameters irrespective of material grade (per set)

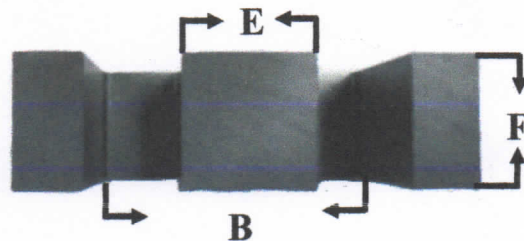
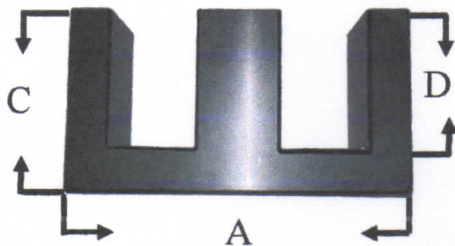
- Effective Length(L_e): 185.1mm
- Effective Area(A_e): 387.3mm²
- Effective Area(A_{Min}): 379mm²
- Effective Volume(V_e): 71698mm³

Approximate weight(without Gap): 354g/Set

AT3K EE8040A

Test Conditions: 10 KHz/150mV/CFR COIL, N=01/Lo=Zero/25°C

Material Grade	Initial permeability(μ_{iac})	AL Value(nH)/Set	Ordering code
AT2.1K	2100 ± 20%	4700+30%/-20%	AT2.1K EE8020



Dimensions :

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A	80	80.9	79.1
B	60.3	61.2	59.4
C	38.1	38.43	37.77
D	28.53	28.86	28.2
E	19.8	20.1	19.5
F	19.8	20.1	19.5



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AT3K EE8040A

Appearance & shape: To be free from any defect such as flow, burrs, unevenness etc, As per IEC standards.

Effective Parameters irrespective of material grade (per set)

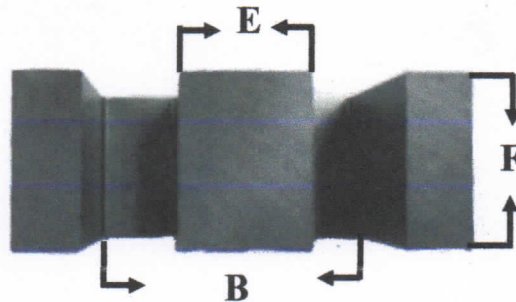
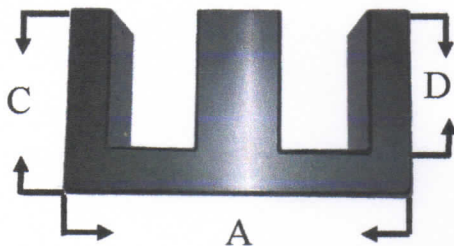
- Effective Length(L_e): 186.4mm
- Effective Area(A_e): 787.6mm²
- Effective Area(A_{Min}): 778.9mm²
- Effective Volume(V_e): 146810mm³

Approximate weight(without Gap): 682g/Set

AT3K EE8040A

Test Conditions: 10 KHz/150mV/CFR COIL, N=01/Lo=Zero/25°C

Material Grade	Initial permeability(μ_{iac})	AL Value(nH)/Set	Pv(W/set)	Ordering code
AT3K	3000 ± 20%	10800+30%/-20%	≤17.6(100mT, 100kHz, 100°C)	AT3K EE8040A



Dimensions :

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A	80	80.9	79.1
B	60.3	61.2	59.4
C	38.8	39.13	38.47
D	286	28.93	28.27
E	19.8	20.1	19.5
F	39.6	39.8	39.2



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AT2.1K EE10028

Appearance & shape: To be free from any defect such as flow, burrs, unevenness etc, As per IEC standards.

Effective Parameters irrespective of material grade (per set)

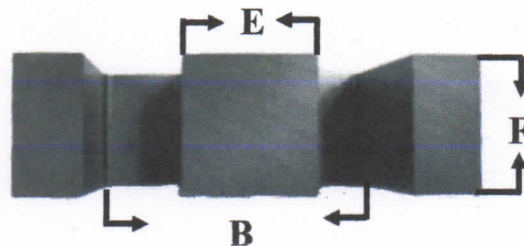
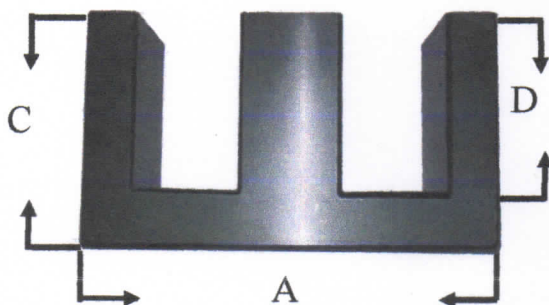
- Effective Length(L_e): 274.1mm
- Effective Area(A_e): 739.6mm²
- Effective Area(A_{Min}): 739.6mm²
- Effective Volume(V_e): 202725mm³

Approximate weight(without Gap): 510g/Set

AT2.1K EE10028

Test Conditions: 10 KHz/150mV/CFR COIL, N=01/Lo=Zero/25°C

Material Grade	Initial permeability(μ_{iac})	AL Value(nH)	Ordering code
AT2.1K	2100 ± 20%	6200+30%/-20%	AT2.1K EE10028



Dimensions :

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A	100.3	102.3	98.3
B	73.2	74.6	71.8
C	59.5	60	59
D	46.8	47.6	46
E	27.5	28	27
F	27.6	28.1	27.1



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AT2.1K EE11036

Appearance & shape: To be free from any defect such as flow, burrs, unevenness etc, As per IEC standards.

Effective Parameters irrespective of material grade (per set)

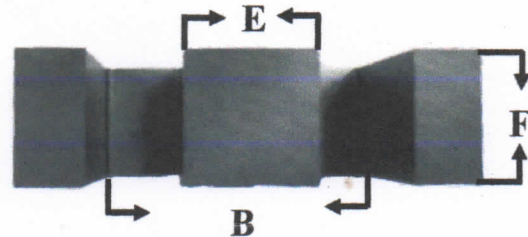
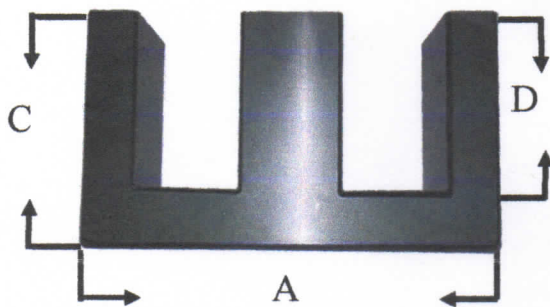
- Effective Length(L_e): 245.2mm
- Effective Area(A_e): 1294mm²
- Effective Area(A_{Min}): 1260mm²
- Effective Volume(V_e): 317360mm³

Approximate weight(without Gap): 330 g/Set

AT2.1K EE11036

Test Conditions: 10 KHz/150mV/CFR COIL, N=01/Lo=Zero/25°C

Material Grade	Initial permeability(μ_{iac})	AL Value(nH)	Ordering code
AT2.1K	2100 ± 20%	11900+30%/-20%	AT2.1K EE11036



Dimensions :

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A	110	112.5	107.5
B	-	-	74.2
C	56	57	55
D	37.2	38.6	35.8
E	36	37	35
F	36	37	35



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AT2.1K EE11836

Appearance & shape: To be free from any defect such as flow, burrs, unevenness etc, As per IEC standards.

Effective Parameters irrespective of material grade (per set)

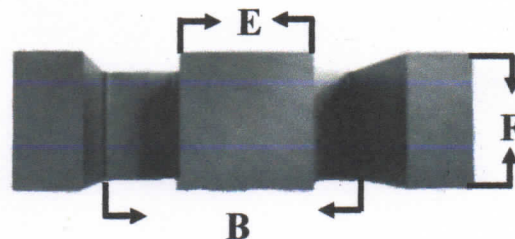
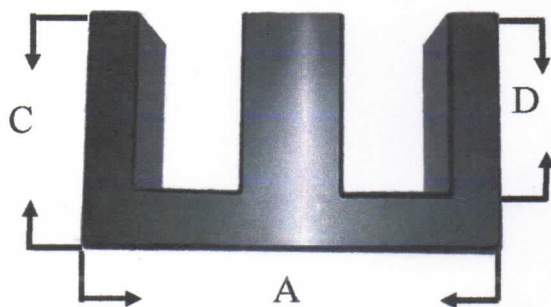
- Effective Length(L_e): 375mm
- Effective Area(A_e): 1225mm²
- Effective Area(A_{Min}): 1225mm²
- Effective Volume(V_e): 483500mm³

Approximate weight(without Gap): 2360 g/Set

AT2.1K EE11836

Test Conditions: 10 KHz/150mV/CFR COIL, N=01/Lo=Zero/25°C

Material Grade	Initial permeability(M_{iac})	AL Value(nH)	Ordering code
AT2.1K	2100 ± 20%	8215+30%/-20%	AT2.1K EE11836



Dimensions :

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A	118	120	116
B	82	-	-
C	86.5	87.3	85.7
D	69	69.8	68.2
E	35	35.8	34.2
F	35	36	34



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AT2.1K EE12820

Appearance & shape: To be free from any defect such as flow, burrs, unevenness etc, As per IEC standards.

Effective Parameters irrespective of material grade (per set)

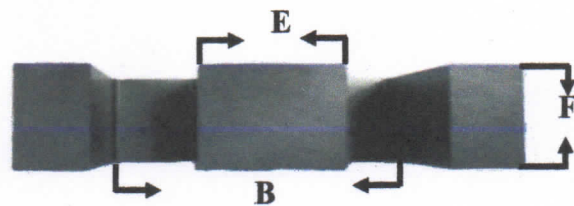
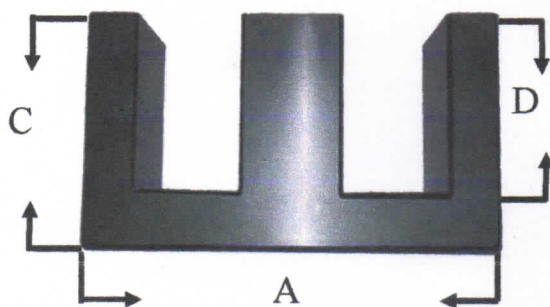
- Effective Length(L_e): 85.4mm
- Effective Area(A_e): 792.7mm²
- Effective Area(A_{Min}): 780mm²
- Effective Volume(V_e): 226230mm³

Approximate weight(without Gap): g/Set

AT2.1K EE12820

Test Conditions: 10 KHz/150mV/CFR COIL, N=01/Lo=Zero/25°C

Material Grade	Initial permeability(μ_{iac})	AL Value(nH)	Ordering code
AT2.1K	2100 ± 20%	6400+30%/-20%	AT2.1K EE12820



Dimensions :

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A	130	133	127
B			89
C	63	64	62
D	43	43.5	42.5
E	40	41	39
F	20	21	19



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AT2.1K EE13040

Appearance & shape: To be free from any defect such as flow, burrs, unevenness etc, As per IEC standards.

Effective Parameters irrespective of material grade (per set)

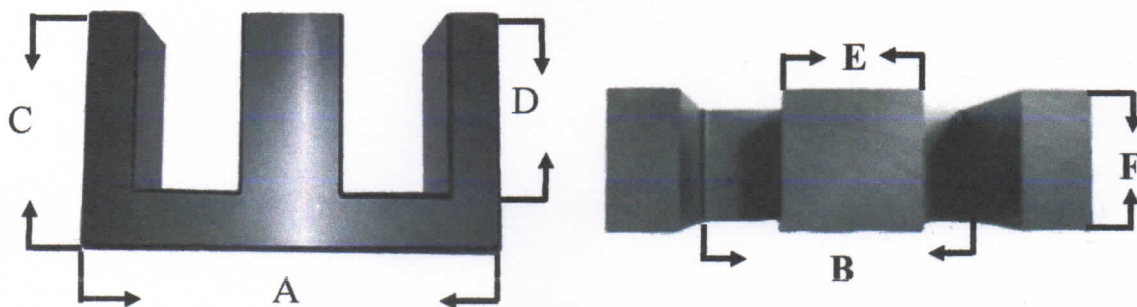
- Effective Length(L_e): 302mm
- Effective Area(A_e): 1660mm²
- Effective Area(A_{Min}): 1660mm²
- Effective Volume(V_e): 502346mm³

Approximate weight(without Gap): 2365 g/Set

AT2.1K EE13040

Test Conditions: 10 KHz/150mV/CFR COIL, N=01/Lo=Zero/25°C

Material Grade	Initial permeability(M_{iac})	AL Value(nH)	Ordering code
AT2.1K	2100 ± 20%	14100+30%/-20%	AT2.1K EE13040



Dimensions :

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A	130	132	128
B	89	-	-
C	65	66	64
D	45	46	44
E	40	40.8	39.2
F	40	40.6	39.4



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AT2.1K EE16040

Appearance & shape: To be free from any defect such as flow, burrs, unevenness etc, As per IEC standards.

Effective Parameters irrespective of material grade (per set)

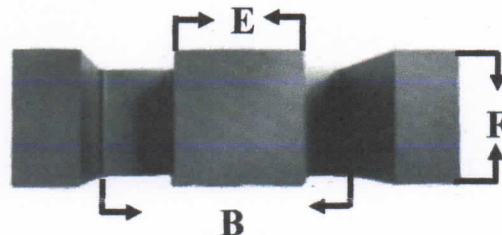
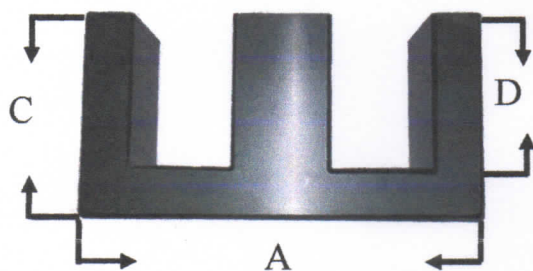
- Effective Length(L_e): 376mm
- Effective Area(A_e): 1600mm²
- Effective Area(A_{Min}): 1600mm²
- Effective Volume(V_e): 692800mm³

Approximate weight(without Gap): 3320g/Set

AT2.1K EE16040

Test Conditions: 10 KHz/150mV/CFR COIL, N=01/Lo=Zero/25°C

Material Grade	Initial permeability(μ_{iac})	AL Value(nH)	Ordering code
AT2.1K	2100 ± 20%	10400+30%/-20%	AT2.1K EE16040



Dimensions :

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A	160	163	157
B	-	-	116
C	85	86	84
D	65	66	64
E	40	41	39
F	40	42	38



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AT2.1K EE20040

Appearance & shape: To be free from any defect such as flow, burrs, unevenness etc, As per IEC standards.

Effective Parameters irrespective of material grade (per set)

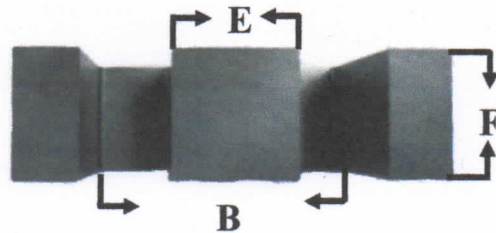
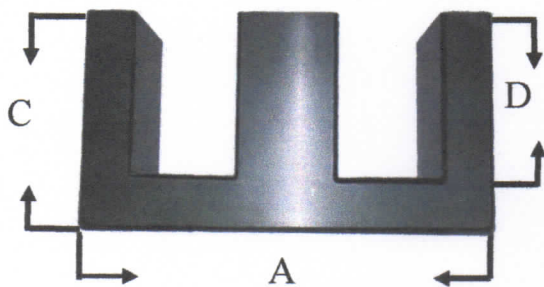
- Effective Length(L_e): 422mm
- Effective Area(A_e): 1600mm²
- Effective Area(A_{Min}): 1600mm²
- Effective Volume(V_e): 713600mm³

Approximate weight(without Gap): 1480g/Set

AT2.1K EE20040

Test Conditions: 10 KHz/150mV/CFR COIL, N=01/Lo=Zero/25°C

Material Grade	Initial permeability(M_{iac})	AL Value(nH)	Ordering code
AT2.1K	2100 ± 20%	9620+30%/-20%	AT2.1K EE20040



Dimensions :

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A	200	204	196
B	158	-	-
C	80	81	79
D	60	61	59
E	40	40.8	39.2
F	40	40.5	39.5