

Type : ER Cores (1)

Ordering Code:

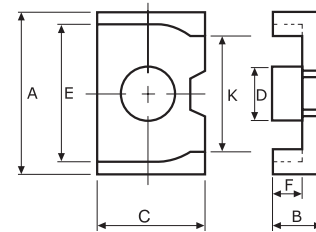
P4
 Material
 材質

ER14.5/11.3
 Core Size
 品名

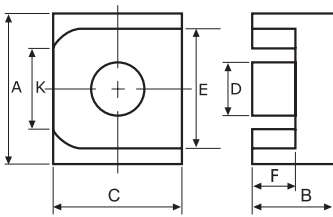
G□
 Gapped AL Value

Shape:

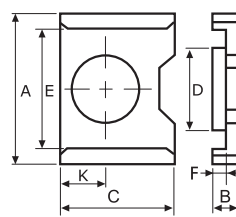
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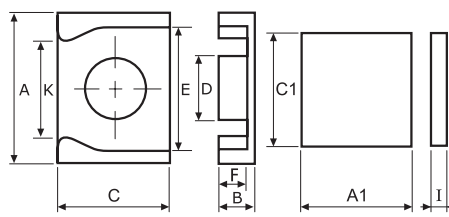
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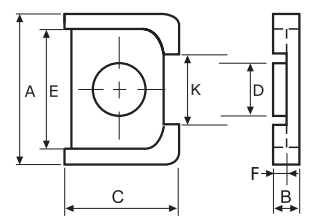
Type:3



Type:4



Type:5



■ DIMENSIONS

CORES	DIMENSIONS (mm)										Type
	A	B	C	D	E	F	K	A1	C1	I	
ER8.7	8.70 ± 0.15	2.65 ± 0.10	4.00 ± 0.10	2.40 ± 0.10	7.20 ± 0.15	1.90 ± 0.10	6.42 ± 0.15	—	—	—	4
ER9.95/6.2	9.95 ± 0.15	3.10 ± 0.10	6.50 ± 0.10	4.35 ± 0.10	7.90 ± 0.15	2.00 ± 0.10	6.50 ± 0.15	—	—	—	1
ER10/4.3	9.90 ± 0.15	2.15 ± 0.10	7.80 ^{+0.10} _{-0.13}	3.70 ± 0.10	8.10 ^{+0.15} _{-0.10}	1.10 ^{+0.08} _{-0.07}	6.50 ± 0.15	—	—	—	1
ER10/4.46	9.90 ± 0.20	2.23 ± 0.10	7.80 ± 0.15	3.70 ± 0.10	8.10 ± 0.20	1.13 ± 0.10	6.50 ± 0.15	—	—	—	1
ER12/9/5	12.20 ± 0.15	2.50 ± 0.08	9.00 ^{+0.13} _{-0.12}	5.55 ± 0.10	10.00 ± 0.15	1.00 ± 0.08	8.60 ± 0.15	—	—	—	1
ER12/9/5.2	12.20 ± 0.20	2.60 ± 0.08	9.00 ± 0.15	5.55 ± 0.10	10.00 ± 0.20	1.10 ± 0.08	8.60 ± 0.15	—	—	—	1
ER12/9/5.7	12.20 ± 0.20	2.87 ± 0.06	9.00 ± 0.15	5.55 ± 0.10	10.00 ± 0.20	1.37 ± 0.06	8.60 ± 0.15	—	—	—	1
ER12/9/7	12.20 ± 0.20	3.50 ± 0.08	9.00 ± 0.15	5.55 ± 0.10	10.00 ± 0.15	2.00 ± 0.08	8.60 ± 0.15	—	—	—	1
ER12/9/8	12.20 ± 0.20	4.00 ± 0.06	9.00 ± 0.15	5.55 ± 0.10	10.00 ± 0.15	2.50 ± 0.06	8.60 ± 0.15	—	—	—	1
ER12.45/9/5.1	12.45 ± 0.15	2.55 ± 0.08	9.00 ± 0.15	5.60 ± 0.10	10.25 ± 0.15	1.15 ^{+0.10} _{-0.08}	8.60 ± 0.15	—	—	—	1
ERI12.85/9.3/3.96/1.13	12.85 ± 0.20	3.96 ± 0.10	9.30 ± 0.25	5.30 ± 0.15	10.45min	2.66min	8.70min	12.85 ± 0.20	9.30 ± 0.25	1.13 ± 0.05	4
ER13.6/9.35/4.5	13.60 ± 0.15	2.25 ± 0.10	9.35 ± 0.10	5.60 ^{+0.08} _{-0.15}	11.05min	1.20 ± 0.10	3.80 ± 0.10	—	—	—	3
ER14.5/11.3	14.50 ± 0.20	4.10 ± 0.10	11.30 ± 0.20	6.00 ± 0.20	12.20 ± 0.15	2.90 ± 0.10	8.30 ± 0.15	—	—	—	2
ERI14.5B/11.3	14.50 ± 0.30	5.60 ± 0.10	11.30 ± 0.25	6.00 ± 0.25	12.20 ± 0.30	4.40 ± 0.10	9.27 ± 0.30	14.50 ± 0.30	11.30 ± 0.25	1.20 ± 0.10	4
ERI24.52A	24.52 ± 0.40	8.90 ± 0.10	20.60 ± 0.30	11.30 ^{+0.15} _{-0.12}	21.30 ± 0.35	6.05 ± 0.15	14.00 ± 0.30	24.52 ± 0.30	20.60 ± 0.30	3.10 ± 0.10	4
ER26.85	26.85 ± 0.40	9.05 ± 0.15	20.10 ± 0.30	12.00 ± 0.20	21.70 ± 0.40	5.05 ± 0.15	16.05 ± 0.40	—	—	—	5
ER33D	32.70 ± 0.50	7.40 ± 0.20	28.90 ± 0.50	15.40 ± 0.30	27.30 ± 0.50	4.20 ± 0.20	19.50 ± 0.35	—	—	—	4

■ EFFECTIVE PARAMETERS

CORES	EFFECTIVE PARAMETERS				
	C _i (mm ⁻¹)	Le(mm)	Ae(mm ²)	Ve(mm ³)	Wt(g/set)
ER8.7	2.73	15.14	5.55	84.12	0.44
ER9.95/6.2	1.06	15.09	16.01	241.59	0.62
ER10/4.3	0.75	11.51	15.20	174.95	1.16
ER10/4.46	0.78	11.80	15.12	178.42	1.20
ER12/9/5	0.50	13.39	26.72	357.78	2.34
ER12/9/5.2	0.48	14.66	30.70	450.06	2.64
ER12/9/5.7	0.56	14.87	26.46	393.46	2.52
ER12/9/7	0.54	13.89	25.62	355.86	2.52
ER12/9/8	0.74	19.36	25.95	502.39	2.64
ER12.45/9/5.1	0.59	14.01	23.94	335.40	1.92
ERI12.85/9.3/3.96/1.13	0.78	16.72	21.47	358.98	1.85
ER13.6/9.35/4.5	0.69	14.66	21.27	311.68	2.02
ER14.5/11.3	0.70	20.12	28.53	574.02	3.46
ERI14.5B/11.3	0.76	21.71	28.48	618.30	3.12
ERI24.52A	0.28	30.04	107.17	3219.39	19.85
ER26.85	0.32	40.11	125.11	5018.16	28.50
ER33D	0.19	39.29	208.90	8211.00	49.00

■ ELECTRICAL CHARACTERISTICS

CORES	AL ± 25 % (nH/N ²)							
	P4	P41	P45	P451	P452	P47	P51	P61
ER8.7	530							
ER9.95/6.2						1720		
ER10/4.3	1750	1700					1280	
ER10/4.46	1850							
ER12/9/5	3330	2600				3500	2170	
ER12/9/5.2	3200	3000	3370			3320	2230	
ER12/9/5.7	3100					2850	1900	
ER12/9/7	2530		2850			2800		
ER12/9/8	2350					2500	1550	
ER12.45/9/5.1	3300							
ERI12.85/9.3/3.96/1.13	1960							
ER13.6/9.35/4.5	1950	1850						
ER14.5/11.3	2500	2400				2750		
ERI14.5B/11.3		2300						
ERI24.52A						4530		
ER26.85						6500		
ER33D	10000							

Remark:

1. AL Value Testing Condition : 10kHz, 50mV, 10Ts. If testing condition is different from ACME's, please specify upon request & ordering.
2. Gapped core is available, please specify upon request & ordering. ACME's standard gapped core set is a combination of one gapped core and one ungapped core. If gapping on both pcs to make a set is needed, please specify upon request & ordering.
3. Customized dimensions are available.

Type : ER Cores (2-1)

Ordering Code:

P4

ER11/5

G□

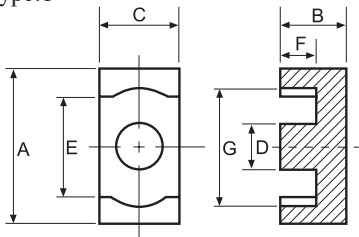
Material
材質

Core Size
品名

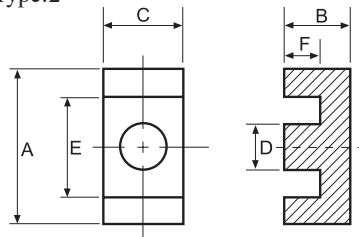
Gapped AL Value

Shape:

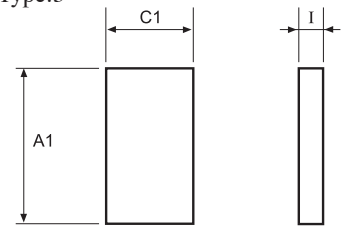
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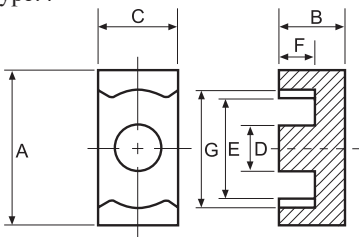
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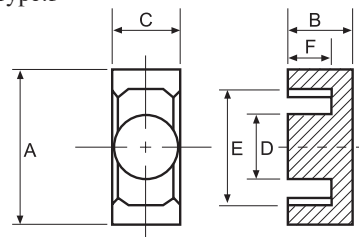
Type:3



Type:4



Type:5



■ DIMENSIONS

CORES	DIMENSIONS (mm)										Type
	A	B	C	D	E	F	G	A1	C1	I	
ER6.8	6.80 ± 0.15	1.48 ± 0.08	2.50 ± 0.10	2.05 ± 0.10	5.80min	0.99 ± 0.08	—	—	—	—	2
ER7.5/5	7.50 ± 0.15	2.50 ± 0.10	4.00 ± 0.10	2.60 ± 0.10	5.70 ± 0.10	1.75 ± 0.07	6.22 ^{+0.13} _{-0.12}	—	—	—	1
ER17.5/4/2.15/0.75	7.50 ± 0.15	2.15 ± 0.10	4.00 ± 0.10	2.60 ± 0.10	5.70 ± 0.10	1.40 ± 0.07	6.22 ^{+0.13} _{-0.12}	7.50 ± 0.15	4.00 ± 0.10	0.75 ± 0.05	1 + 3
ER8/5	8.00 ± 0.15	2.50 ± 0.10	4.00 ± 0.10	2.60 ± 0.10	5.70 ± 0.10	1.73 ± 0.10	6.55min	—	—	—	4
ER9.5/3.6	9.35 ± 0.15	1.80 ± 0.05	4.90 ± 0.10	3.40 ± 0.10	7.00min	0.93 ^{+0.07} _{-0.08}	7.40min	—	—	—	1
ER9.5/5	9.35 ± 0.15	2.45 ± 0.05	4.90 ± 0.10	3.40 ± 0.10	7.00min	1.67 ± 0.07	7.40min	—	—	—	1
ER10B	10.00 ± 0.20	2.30 ± 0.10	8.80 ± 0.20	2.78 ± 0.10	8.17 ± 0.20	1.29 ± 0.10	6.40 ± 0.15	—	—	—	9
ER10.83	10.83 ^{+0.18} _{-0.17}	2.65 ± 0.05	5.90 ± 0.10	4.12 ^{+0.13} _{-0.12}	7.90min	1.77 ± 0.12	8.98 ± 0.15	—	—	—	1
ER11/3.9	10.83 ^{+0.18} _{-0.17}	1.93 ± 0.05	5.90 ± 0.10	4.12 ^{+0.13} _{-0.12}	7.90min	1.05 ^{+0.08} _{-0.07}	8.85 ± 0.15	—	—	—	1
ER11/5	10.83 ^{+0.18} _{-0.17}	2.45 ± 0.05	5.90 ± 0.10	4.12 ^{+0.13} _{-0.12}	7.90min	1.57 ^{+0.08} _{-0.07}	8.85 ± 0.15	—	—	—	1
ER11.63/5.15	11.63 ± 0.20	2.58 ± 0.10	5.90 ± 0.20	4.12 ± 0.15	8.70min	1.70 ± 0.10	9.65 ± 0.20	—	—	—	1
ER13	12.80 ± 0.20	2.85 ± 0.06	8.70 ± 0.20	5.00 ± 0.10	9.05 ± 0.15	1.75 ± 0.06	11.20 ± 0.20	—	—	—	4
ER13/5.4	12.80 ± 0.20	2.70 ± 0.06	8.70 ± 0.20	5.00 ± 0.10	9.05 ± 0.15	1.60 ± 0.06	11.20 ± 0.20	—	—	—	1
ER13/5.6	12.80 ± 0.20	2.80 ± 0.06	8.70 ± 0.20	5.00 ± 0.10	9.05 ± 0.15	1.70 ± 0.06	11.20 ± 0.20	—	—	—	4
ER113	12.80 ± 0.20	2.85 ± 0.06	8.70 ± 0.20	5.00 ± 0.10	9.05 ± 0.15	1.75 ± 0.06	11.20 ± 0.20	12.80 ± 0.20	8.70 ± 0.20	1.10 ± 0.05	3 + 4
ER14.5D	14.50 ± 0.25	3.50 ± 0.10	9.25 ± 0.25	5.80 ± 0.20	—	1.70 ± 0.10	12.20 ± 0.25	—	—	—	4
ER14.5/6	14.50 ± 0.20	2.95 ± 0.05	6.70 ± 0.10	4.70 ± 0.10	11.80 ± 0.20	1.60 ± 0.10	—	—	—	—	2
ER14.5/6.8	14.50 ± 0.20	3.40 ± 0.10	6.70 ± 0.10	4.70 ± 0.10	11.80 ± 0.20	2.10 ± 0.10	—	—	—	—	2
ER14.5/9.4	14.50 ± 0.20	4.70 ± 0.10	6.70 ± 0.10	4.70 ± 0.10	11.80 ± 0.20	3.40 ± 0.10	—	—	—	—	2
ER14.8/6.2	14.80 ± 0.20	3.10 ± 0.10	6.70 ± 0.10	4.70 ± 0.10	12.10 ± 0.20	1.80 ± 0.10	—	—	—	—	2
ER15.2	15.20 ^{+0.40} _{-0.10}	3.10 ± 0.10	6.70 ± 0.20	4.70 ± 0.20	12.50 ^{+0.40} _{-0.10}	1.80 ± 0.15	—	—	—	—	2
ER18	18.00 ± 0.35	3.15 ± 0.10	9.70 ± 0.20	6.20 ± 0.15	13.50min	1.60 ± 0.10	15.60 ± 0.30	—	—	—	4
ER18/7	18.00 ± 0.35	3.50 ± 0.10	9.70 ± 0.20	6.20 ± 0.15	13.50min	1.95 ± 0.10	15.60 ± 0.30	—	—	—	4

■ EFFECTIVE PARAMETERS

CORES	EFFECTIVE PARAMETERS				
	C _i (mm ⁻¹)	Le(mm)	Ae(mm ²)	Ve(mm ³)	Wt(g/set)
ER6.8	3.98	9.91	2.49	24.67	0.07
ER7.5/5	2.26	13.06	5.78	75.51	0.35
ERI7.5/4/2.15/0.75	1.65	9.65	5.86	56.55	0.31
ER8/5	2.34	13.97	5.97	83.42	0.45
ER9.5/3.6	1.22	11.14	9.16	102.04	0.48
ER9.5/5	1.56	13.63	8.73	118.99	0.62
ER10B	0.80	13.80	17.21	237.50	1.50
ER10.83	1.39	16.32	11.72	191.32	1.10
ER11/3.9	1.01	12.14	11.92	144.70	0.80
ER11/5	1.17	14.18	12.13	172.00	0.90
ER11.63/5.15	1.29	15.29	11.87	181.49	1.00
ER13	0.91	18.10	19.90	360.00	1.86
ER13/5.4	0.82	16.24	19.82	321.88	1.84
ER13/5.6	0.91	16.60	18.30	303.78	1.88
ERI13	0.64	13.23	20.78	274.69	1.13
ER14.5D	0.64	19.77	30.85	609.89	3.28
ER14.5/6	1.07	18.38	17.13	314.85	1.69
ER14.5/6.8	1.17	20.18	17.18	346.69	1.90
ER14.5/9.4	1.49	25.46	17.13	436.13	2.38
ER14.8/6.2	1.10	19.47	17.63	343.25	0.91
ER15.2	1.15	20.25	17.55	355.33	1.88
ER18	0.67	20.85	31.31	652.81	3.36
ER18/7	0.74	22.37	30.26	676.92	3.78

■ ELECTRICAL CHARACTERISTICS

CORES	AL ± 25% (nH/N ²)											AL ± 30% (nH/N ²)		
	P4	P41	P42	P45	P451	P452	P47	P51	P61	A05	A07	A10(L)	A121(L)	A151(L)
ER6.8	265													
ER7.5/5	710	690		720	730		720	450	330	950				
ERI7.5/4/2.15/0.75	700						760							
ER8/5	600													
ER9.5/3.6	1090													
ER9.5/5	950	930	740	1060			1040	660		1250	1580	3600	3200min	3700min
ER10B							1910							
ER10.83	1085													
ER11/3.9	1040min	1340		1430			1400				2224	6600		
ER11/5	1400	1370	1180	1590		1560	1560	950		2100	2380	6400	6980	7800
ER11.63/5.15	1100			1270			1250							
ER13	2000	1930	1600				2040	1250						
ER13/5.4	2000		1640	2200			2110							
ER13/5.6			1610	2220			2040							
ERI13	2100	2035	1800				2400	1600						
ER14.5D	2550													
ER14.5/6	1700	1600	1275				1800	1210		2200	2600	6600	8000	6000min
ER14.5/6.8	1300	1280					1720	1000						
ER14.5/9.4	1450													
ER14.8/6.2	1700						1900							
ER15.2	1460	1420		1680			1620							
ER18	2650	2400	2000				2800	1770						
ER18/7	2450		1950	2800			2750							

Remark:

1. AL Value Testing Condition : 10kHz, 50mV, 10Ts. If testing condition is different from ACME's, please specify upon request & ordering.
2. Gapped core is available, please specify upon request & ordering. ACME's standard gapped core set is a combination of one gapped core and one ungapped core. If gapping on both pcs to make a set is needed, please specify upon request & ordering.
3. L : Mirror Finished Lapping. Please specify upon request & ordering by adding "L" at the end of Core Size if you need.
4. Customized dimensions are available.

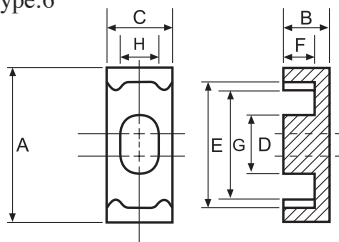
Type : ER Cores (2-2)

Ordering Code: P4 ER18A G□

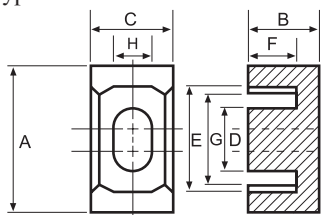
Shape: Material Core Size Gapped AL Value

材質 品名

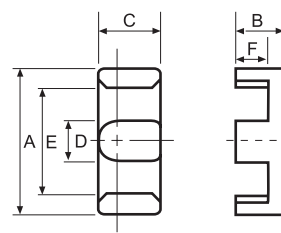
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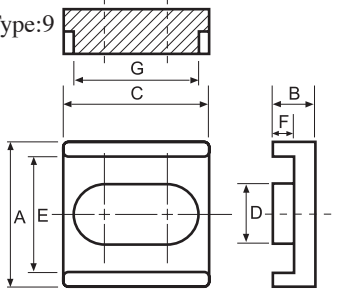
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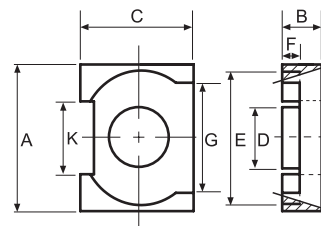
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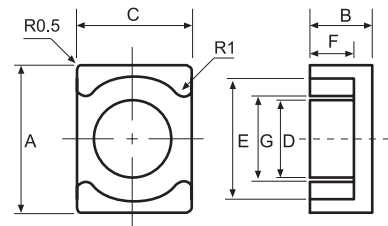
Type:9



Type:10



Type:11



■ DIMENSIONS

CORES	DIMENSIONS (mm)											Type
	A	B	C	D	E	F	G	H	A1	C1	I	
ER18A	18.00 ± 0.35	4.00 ± 0.10	10.00 ± 0.20	7.20 ± 0.10	14.00 ± 0.20	2.00 ± 0.10	—	—	—	—	—	2
ER18D/7.2	18.00 ± 0.35	3.60 ± 0.15	6.00 ± 0.20	6.00 ± 0.15	14.40 ± 0.30	1.60 ± 0.15	—	—	—	—	—	5
ERI18D/10/2.2/1	18.00 ± 0.35	2.20 ± 0.10	10.00 ± 0.20	5.00 ± 0.15	13.50 ± 0.35	1.00 ± 0.15	15.60 ± 0.35	—	18.00 ± 0.35	10.00 ± 0.20	1.00 ± 0.08	3 + 4
ER18.2D	18.20 ± 0.20	8.50 ± 0.15	5.20 ± 0.10	5.20 ± 0.10	13.00min	6.00 ± 0.15	4.00 ^{+0.30} _{-0.10}	—	—	—	—	2
ER18.8/14.5	19.05 ± 0.25	3.45 ± 0.10	14.75 ± 0.25	6.80 ± 0.10	16.30 ± 0.15	2.20 ± 0.10	—	—	—	—	—	2
ER19	19.00 ± 0.35	8.00 ± 0.20	5.50 ± 0.20	5.10 ± 0.20	14.50 ± 0.30	5.65 ± 0.15	—	—	—	—	—	2
ER19.1	19.10 ± 0.25	2.87 ± 0.13	14.40 ± 0.18	6.43 ± 0.15	16.46 ± 0.20	1.65min	—	—	—	—	—	2
ER19.8	19.80 ± 0.30	4.30 ± 0.15	6.60 ± 0.15	6.00 ± 0.20	14.90min	2.10 ± 0.15	15.80 ^{+0.55} _{-0.30}	—	—	—	—	4
ER20/16.4	20.00 ± 0.30	8.20 ± 0.15	14.00 ± 0.30	8.80 ± 0.15	13.10 ± 0.25	6.00 ± 0.10	18.00 ± 0.30	—	—	—	—	4
ER20M	20.00 ± 0.35	3.00 ± 0.10	10.00 ± 0.20	6.20 ± 0.20	17.00 ± 0.30	1.65 ± 0.10	—	—	—	—	—	2
ERI20	20.00 ± 0.30	5.70 ± 0.10	14.00 ± 0.30	8.80 ± 0.15	13.10 ± 0.25	3.50 ± 0.15	18.00 ± 0.30	—	20.00 ± 0.30	14.00 ± 0.30	2.20 ± 0.05	3 + 4
ERI20/14/8.2/2.2	20.00 ± 0.30	8.20 ± 0.10	14.00 ± 0.30	8.80 ± 0.15	13.10 ± 0.25	6.00 ± 0.10	18.00 ± 0.30	—	20.00 ± 0.30	14.00 ± 0.30	2.20 ± 0.05	3 + 4
ER20.5/12.5	20.50 ± 0.30	6.25 ± 0.20	9.40 ± 0.20	7.50 ± 0.20	17.00 ± 0.30	4.30 ± 0.15	14.00min	5.50 ± 0.15	—	—	—	6
ER21.2	21.20 ± 0.40	9.00 ± 0.15	7.80 ± 0.15	5.66 ± 0.20	15.90 ± 0.40	6.50 ± 0.20	—	—	—	—	—	8
ER22KL	22.00 ± 0.50	16.35 ± 0.15	17.00 ± 0.40	11.50 ± 0.20	18.50 ^{+0.50} _{-0.30}	12.95 ± 0.20	13.00 ± 0.50	—	—	—	—	11
ERI22.2/15.8/6.7/2.5	22.20 ± 0.30	6.70 ± 0.10	15.80 ± 0.30	10.00 ± 0.20	18.20 ± 0.30	4.20 ± 0.15	—	—	22.20 ± 0.30	15.80 ± 0.30	2.50 ± 0.05	2 + 3
ER22.6/8.9	22.60 ± 0.40	4.45 ± 0.15	6.50 ± 0.25	6.50 ± 0.15	17.50 ± 0.35	2.10 ± 0.10	—	—	—	—	—	1
ERI22.7/14/7.1/2.2	22.75 ± 0.25	7.10 ± 0.10	14.00 ± 0.30	8.80 ± 0.15	15.40min	4.90 ± 0.15	20.25 ± 0.25	—	22.75 ± 0.25	14.00 ± 0.30	2.20 ± 0.10	3 + 4
ER23	23.20 ± 0.45	3.60 ± 0.10	12.50 ± 0.25	8.00 ± 0.20	17.50min	1.60 ± 0.15	20.20 ± 0.40	—	—	—	—	4
ER25	25.00 ± 0.40	6.05 ± 0.10	18.00 ± 0.30	11.00 ± 0.20	14.50min	3.55 ± 0.15	22.00 ± 0.40	—	—	—	—	4
ERI25	25.00 ± 0.40	6.05 ± 0.10	18.00 ± 0.30	11.00 ± 0.20	14.50min	3.55 ± 0.15	22.00 ± 0.40	—	25.00 ± 0.40	18.00 ± 0.30	2.30 ± 0.05	3 + 4
ERI25F	25.00 ± 0.50	5.50 ± 0.10	14.80 ± 0.30	9.40 ± 0.20	18.30min	3.10 ± 0.10	21.70 ± 0.40	—	25.00 ± 0.50	14.80 ± 0.30	2.50 ± 0.10	3 + 4
ERI25.2B/18.3/7.5/2.4	25.20 ± 0.50	7.50 ± 0.10	18.30 ± 0.30	10.20 ± 0.20	20.60 ± 0.40	5.10 ± 0.15	—	—	25.20 ± 0.50	18.30 ± 0.30	2.40 ± 0.10	2 + 3

■ EFFECTIVE PARAMETERS

CORES	EFFECTIVE PARAMETERS				
	C _i (mm ⁻¹)	Le(mm)	Ae(mm ²)	Ve(mm ³)	Wt(g/set)
ER18A	0.57	22.98	40.20	923.80	5.00
ER18D/7.2	0.90	22.27	24.85	553.47	2.84
ERI18D/10/2.2/1	1.25	16.50	13.16	217.14	5.87
ER18.2D	1.75	40.59	23.26	944.02	4.70
ER18.8/14.5	0.64	23.98	37.45	897.86	4.99
ER19	1.34	33.89	25.34	858.77	4.80
ER19.1	0.67	23.47	35.28	828.09	2.12
ER19.8	0.95	26.47	28.60	757.40	3.94
ER20/16.4	0.60	42.05	58.98	2480.11	15.08
ER20M	0.81	23.11	28.66	662.30	3.50
ERI20	0.40	23.80	59.80	1425.00	7.99
ERI20/14/8.2/2.2	0.48	30.08	59.55	1791.26	10.54
ER20.5/12.5	0.96	34.07	35.42	1206.76	7.00
ER21.2	1.36	43.65	32.06	1399.42	8.64
ER22KL	0.68	72.2	105.6	7630.28	19.47
ERI22.2/15.8/6.7/2.5	0.38	27.60	72.54	2002.10	11.17
ER22.6/8.9	0.83	26.83	32.09	860.77	4.54
ERI22.7/14/7.1/2.2	0.50	30.21	60.80	1836.77	9.44
ER23	0.48	25.08	51.79	1298.89	6.94
ER25	0.31	31.84	103.60	3298.60	17.56
ERI25	0.29	26.40	89.70	2370.00	13.57
ERI25F	0.40	28.10	70.40	1978.24	10.40
ERI25.2B/18.3/7.5/2.4	0.36	30.86	85.62	2642.30	14.70

■ ELECTRICAL CHARACTERISTICS

CORES	AL ± 25% (nH/N ²)										
	P4	P41	P42	P45	P451	P452	P47	P48	P51	P61	A05
ER18A				4100		4000	4000				
ER18D/7.2	2000										
ERI18D/10/2.2/1					1500						
ER18.2D							1650				
ER18.8/14.5	2900	2800							1790		
ER19	1400										
ER19.1		2500									
ER19.8	1900						2150				
ER20/16.4	3370			3590			3500				
ER20M										1000	
ERI20	5000	4860	3500	5100			5000		3060		
ERI20/14/8.2/2.2	3900			4380			4300				
ER20.5/12.5	2100										
ER21.2	1400										
ER22KL											8500min
ERI22.2/15.8/6.7/2.5		5000									
ER22.6/8.9							2460				
ERI22.7/14/7.1/2.2											
ER23	3465	3400					4100		2550		
ER25	5800	5700	4880				7200		4220		
ERI25	7000	6810	4870				7500		4240		
ERI25F								5000			
ERI25.2B/18.3/7.5/2.4				6120							

Remark:

1. AL Value Testing Condition : 10kHz, 50mV, 10Ts. If testing condition is different from ACME's, please specify upon request & ordering.
2. Gapped core is available, please specify upon request & ordering. ACME's standard gapped core set is a combination of one gapped core and one ungapped core. If gapping on both pcs to make a set is needed, please specify upon request & ordering.
3. L : Mirror Finished Lapping. Please specify upon request & ordering by adding "L" at the end of Core Size if you need.
4. Customized dimensions are available.

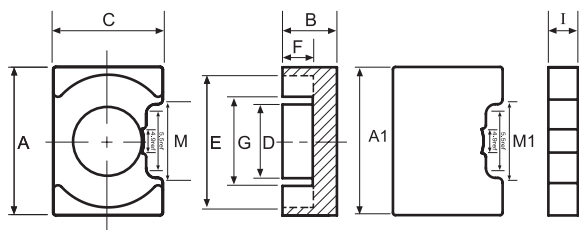
Type : ER Cores (2-3)

Ordering Code: P4 ER22.6/8.9 G□

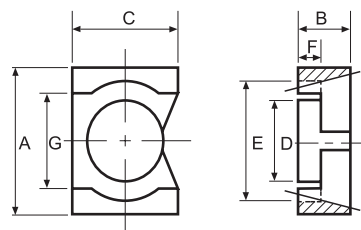
Shape: Material Core Size Gapped AL Value

材質 品名

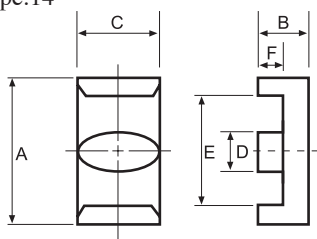
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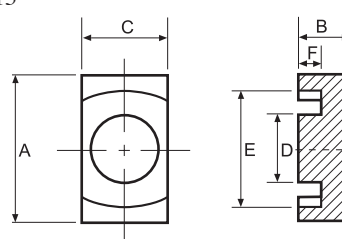
Type:13



Type:14



Type:15



■ DIMENSIONS

CORES	DIMENSIONS (mm)												Type
	A	B	C	D	E	F	G	H	K	A1	C1	I	
ERI25.4/19/6.8/2.4	25.40 ± 0.50	6.80 ± 0.15	19.00 ± 0.35	10.00 ± 0.25	20.00min	4.40 ± 0.20	—	—	—	25.40 ± 0.50	19.00 ± 0.35	2.40 ± 0.15	2 + 3
ER25.5	25.50 ± 0.50	4.60 ± 0.10	7.50 ± 0.30	7.50 ± 0.20	19.80min	2.00 ± 0.15	—	—	—	—	—	—	1
ER25.5A	25.50 ± 0.40	5.25 ± 0.10	9.80 ± 0.15	8.20 ± 0.15	16.70 ± 0.30	3.25 ± 0.15	18.50 ± 0.30	—	—	—	—	—	1
ER25.7	25.70 ± 0.40	5.25 ± 0.15	25.35 ± 0.40	6.50 ± 0.20	19.50 ± 0.40	3.00 ± 0.15	24.35 ± 0.35	—	—	—	—	—	9
ER26.6	26.60 ± 0.50	5.00 ± 0.15	10.80 ± 0.30	11.00 ± 0.25	22.40 ± 0.50	2.80 ± 0.15	—	6.00 ± 0.20	—	—	—	—	7
ER27A	27.00 ± 0.40	4.95 ± 0.15	14.50 ± 0.30	10.70 ± 0.20	16.50min	2.10 ± 0.15	22.50 ± 0.40	—	—	—	—	—	1
ER27B	27.00 ± 0.40	4.95 ± 0.15	12.50 ± 0.30	10.00 ± 0.20	—	2.10 ± 0.15	22.50 ± 0.40	—	—	—	—	—	1
ER28A	28.00 ± 0.50	5.60 ± 0.20	22.65 ± 0.50	11.00 ± 0.20	24.20 ± 0.50	3.00 ± 0.20	19.80 ± 0.40	—	13.10 ± 0.40	—	—	—	10
ERI28	28.00 ± 0.35	6.20 ± 0.15	12.00 ± 0.25	9.00 ± 0.20	21.50 ± 0.35	3.60 ± 0.15	—	23.40 ± 0.35	—	28.00 ± 0.35	12.00 ± 0.25	2.60 ± 0.15	1 + 3
ER29.8	29.80 ± 0.80	4.85 ± 0.10	9.50 ± 0.30	7.87 ± 0.25	24.00 ± 0.75	2.03 ± 0.13	—	—	—	—	—	—	2
ER29.8A	29.80 ± 0.80	4.60 ± 0.20	9.50 ± 0.30	9.50 ± 0.30	20.40min	1.80 ± 0.15	22.70 ± 0.70	—	—	—	—	—	4
ER30/8	30.00 ± 0.40	8.00 ± 0.15	20.00 ± 0.30	11.00 ± 0.20	19.45 ± 0.30	5.30 ± 0.20	26.00 ± 0.30	—	—	—	—	—	4
ER30D	30.00 ± 0.40	6.00 ± 0.15	20.00 ± 0.30	11.00 ± 0.20	19.45 ± 0.30	3.30 ± 0.15	26.00 ± 0.30	—	—	—	—	—	1
ERI30.3	30.30 ± 0.45	12.00 ± 0.20	19.50 ± 0.30	13.00 ± 0.20	18.50min	8.70 ± 0.20	26.00 ± 0.40	—	—	30.30 ± 0.45	19.50 ± 0.30	3.30 ± 0.10	3 + 4
ER32B	32.00 ± 0.40	6.35 ± 0.13	20.35 ± 0.30	12.05 ± 0.25	22.66min	3.18 ± 0.20	28.93min	—	—	—	—	—	4
ERI32	32.00 ± 0.50	13.50 ± 0.25	23.00 ± 0.40	15.00 ± 0.20	27.00 ± 0.30	7.65 ± 0.35	18.00 ± 0.30	—	—	32.00 ± 0.50	23.00 ± 0.40	6.00 ± 0.25	12
ER33	33.00 ± 0.50	4.70 ± 0.10	24.00 ± 0.40	17.20 ± 0.35	25.50 ± 0.50	2.90 ± 0.10	≤ 21.00	—	—	—	—	—	7
ER33/60	33.00 ± 0.50	30.00 ± 0.20	24.00 ± 0.40	17.20 ± 0.35	25.50 ± 0.50	25.00 ± 0.20	21.00max	—	—	—	—	—	13
ERI36A	36.00 ± 0.50	10.90 ± 0.20	24.00 ± 0.50	13.20 ± 0.20	22.00min	7.80 ± 0.15	31.20 ± 0.50	—	—	36.00 ± 0.50	24.00 ± 0.50	3.10 ± 0.20	3 + 4
ER40A	40.00 ± 0.70	22.40 ± 0.30	13.30 ± 0.30	13.30 ± 0.30	29.00min	15.40 ± 0.30	—	—	—	—	—	—	15
ER40B	40.00 ± 0.70	22.40 ± 0.20	13.40 ± 0.35	13.30 ± 0.25	29.60 ± 0.60	15.45 ± 0.35	—	—	—	—	—	—	15
ER42	42.00 ± 0.80	7.25 ± 0.15	14.00 ± 0.30	7.00 ± 0.20	34.80min	4.50 ± 0.15	—	—	—	—	—	—	14
ER63	62.80 ± 0.80	19.40 ± 0.20	32.10 ± 0.30	21.60 ± 0.30	50.80 ± 0.80	12.80 ± 0.20	—	—	—	—	—	—	2
ER64/26	64.00 ± 0.80	12.85 ± 0.15	50.80 ± 0.70	25.40 ± 0.40	53.50 ± 0.70	6.40 ± 0.20	—	—	—	—	—	—	2

■ EFFECTIVE PARAMETERS

CORES	EFFECTIVE PARAMETERS				
	C _i (mm ⁻¹)	Le(mm)	Ae(mm ²)	Ve(mm ³)	Wt(g/set)
ERI25.4/19/6.8/2.4	0.34	30.77	90.45	2783.14	14.51
ER25.5	0.70	28.80	41.21	1186.73	6.18
ER25.5A	0.67	31.83	47.24	1503.59	8.92
ER25.7	0.25	33.00	131.74	4347.60	22.50
ER26.6	0.93	30.70	33.00	1013.10	8.70
ER27A	0.36	31.15	85.60	2666.93	14.56
ER27B	0.41	31.00	75.20	2331.20	12.22
ER28A	0.36	36.48	106.49	3884.76	22.10
ERI28	0.51	32.30	63.26	2043.48	10.47
ER29.8	0.50	36.56	52.58	1922.32	10.32
ER29.8A	0.53	31.40	59.60	1871.44	10.00
ER30/8	0.38	43.22	113.39	4900.00	28.00
ER30D	0.32	35.40	110.00	3894.00	22.10
ERI30.3	0.33	43.78	131.55	5759.00	28.23
ER32B	0.35	42.12	119.84	5048.29	26.60
ERI32	0.23	43.90	195.00	8561.00	51.80
ER33	0.62	28.70	46.33	1329.40	10.26
ER33/60	0.54	130.08	239.55	31160.66	149.10
ERI36A	0.31	46.98	151.29	7107.78	38.43
ER40A	0.64	97.50	152.00	14820.00	40.06
ER40B	0.66	98.00	149.00	14602.00	72.42
ER42	0.30	47.85	59.96	2869.32	11.10
ER63	0.27	104.58	389.13	40696.00	222.60
ER64/26	0.15	90.29	584.20	52750.00	279.54

■ ELECTRICAL CHARACTERISTICS

CORES	AL ± 25 % (nH/N ²)									
	P4	P41	P42	P45	P451	P452	P47	P48	P51	P61
ERI25.4/19/6.8/2.4							6300			
ER25.5	3000									
ER25.5A	2850	2500					3125			
ER25.7	7800						8900			
ER26.6							3000			
ER27A	5240	5080		6070	6900		5945			
ER27B				5350						
ER28A		6000					7000			
ERI28	3200									
ER29.8		3700								
ER29.8A								4000		
ER30/8	4300	4100					5000			
ER30D				6300						
ERI30.3									4800	
ER32B								5500		
ERI32							11000			
ER33	4100									
ER33/60							6500			
ERI36A	6500	6300		7800			7400			
ER40A	3300									
ER40B							4390			
ER42	3100									
ER63	8355									
ER64/26							13000			

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3. L : Mirror Finished Lapping. Please specify upon request & ordering by adding "L" at the end of Core Size if you need.
4. Customized dimensions are available.