Type : ER Cores (1)

Ordering Code:

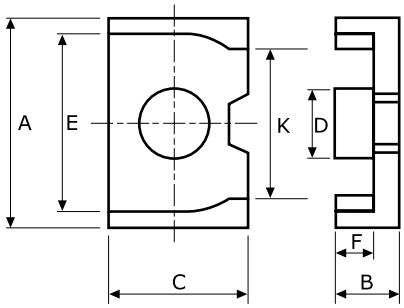
P4 — Material

ER14.5/11.3 — Core Size

G□ — Gapped AL Value

Shape:

Type:1



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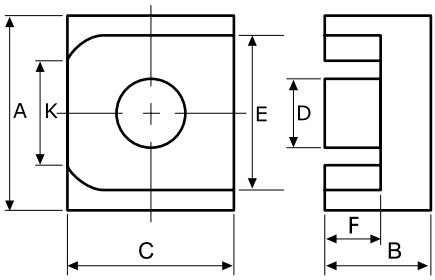
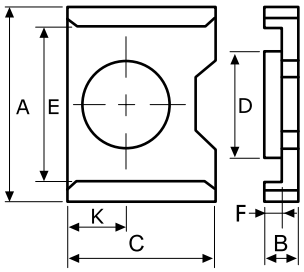
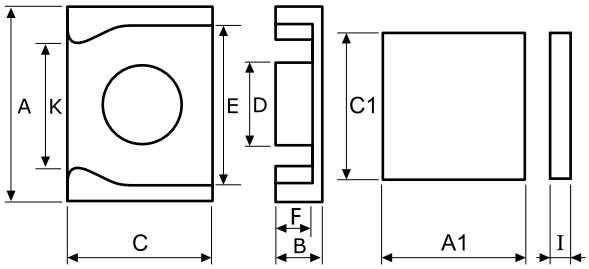


Type:3



Type:4



■ 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
ERI25K/18/6.25/2.3	25.00 ± 0.40	6.25 ± 0.15	18.00 ± 0.30	11.00 ± 0.20	22.00 ± 0.40	3.75 ± 0.15	14.80min	25.00 ± 0.40	18.00 ± 0.30	2.30 ± 0.10	4
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				
	$C_1(mm^{-1})$	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
ERI25K/18/6.25/2.3	0.28	25.93	92.30	2393.80	13.55
ER33D	0.19	39.29	208.90	8211.00	49.00

ELECTRICAL CHARACTERISTICS

CORES	AL ± 25% (nH/N^2)							
	P4	P41	P45	P451	P47	P5	P51	P61
ER8.7	530							
ER9.95/6.2					1720			
ER10/4.3	1750	1700				1560	1280	
ER10/4.46	1850							
ER12/9/5	3330	2600			3500	2550	2170	
ER12/9/5.2	3200		3370					
ER12/9/5.7	3100				2850	2400	1900	
ER12/9/7	2530		2850		2800			
ER12/9/8	2350				2500	1880	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						
ERI25K/18/6.25/2.3	6500							
ER33D	10000							

Remark:
1. AL Value Testing Condition : 10kHz, 50mV, 100Ts.
2. Gapped core is available, please specify upon request & ordering.
   gapping on both pcs to make a set is needed, please specify upon request & ordering.

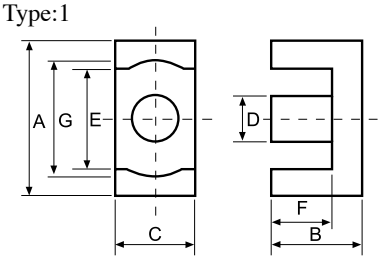
Type : ER Cores (2-1)

Ordering Code: P4 ER11/5 G□

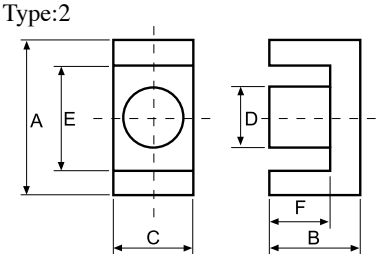
Material Core Size Gapped AL Value

Shape:

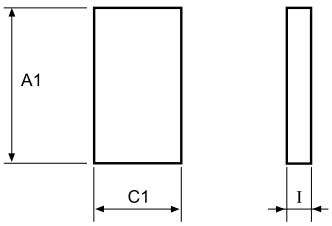
Type:1



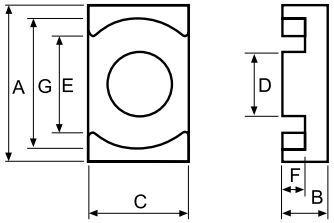
Type:2



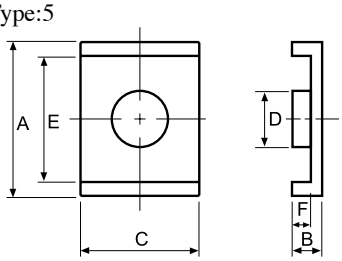
Type:3



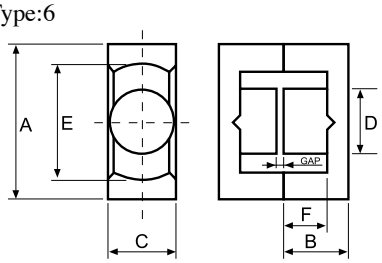
Type:4



Type:5



Type:6



■ DIMENSIONS

CORES	DIMENSIONS (mm)											Type
	A	B	C	D	E	F	G	H	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
ERI7.5/4/2.15/0.75	7.50 ± 0.15	2.15 ± 0.10	4.00 ± 0.10	2.60 ± 0.10	5.70 ± 0.10	1.40 ± 0.10	$6.22^{+0.13}_{-0.12}$	–	7.50 ± 0.15	4.00 ± 0.10	0.75 ± 0.10	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	–	–	–	–	5
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
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
ERI13	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 ± 0.05	6.70 ± 0.10	4.70 ± 0.10	12.10 ± 0.20	1.80 ± 0.10	–	–	–	–	–	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				
	$C_1(mm^{-1})$	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
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
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/N²)											AL ± 30% (nH/N²)		
	P4	P41	P42	P45	P451	P47	P5	P51	P61	A05	A07	A10(L)	A121(L)	A151(L)
ER6.8	265													
ER7.5/5	710	690		720		720	630	450	330	950				
ERI7.5/4/2.15/0.75		800												
ER8/5	600													
ER9.5/3.6	1090													
ER9.5/5	950	930	740			1040	880	660		1250	1580	3600	3200min	3700min
ER10.83	1085													
ER11/3.9	1040min	1340									2224	6600		
ER11/5	1400	1370	1180			1560	1120	950		2100	2380	6400	6980	7800
ER11.63/5.15	1150													
ER13	2000	1930	1600			2040	1700	1250						
ER13/5.4	2000		1640			2110								
ER13/5.6			1610	2220		2040								
ERI13	2100	2035	1800			2400	1910	1600						
ER14.5D	2550													
ER14.5/6	1700	1600	1275			1800	1360	1210		2200	2600	6600	8000	6000min
ER14.5/6.8	1300	1280				1720		1000						
ER14.5/9.4	1450													
ER14.8/6.2	1700													
ER18	2650	2400	2000				2300	1770						
ER18/7	2450		1950	2800		2750								

Remark:

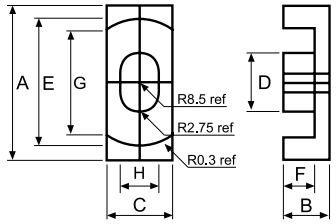
1. AL Value Testing Condition : 10kHz, 50mV, 100Ts.
2. Gapped core is available, please specify upon request & ordering.
   gapping on both pcs to make a set is needed, please specify upon request & ordering.
3. L : Mirror Finished Lapping. Please specify upon request & ordering by adding "L" at the end of Core Size if you need.

Type : ER Cores (2-2)

Ordering Code: P4 (Material) ER18A (Core Size) G□ (Gapped AL Value)

Shape:

Type:7



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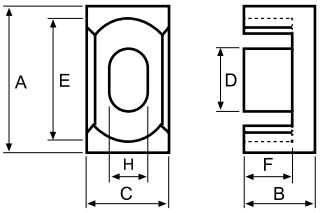
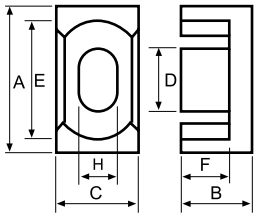
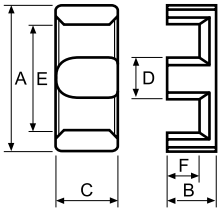


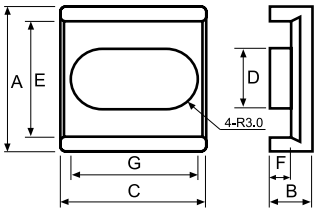
Type:9



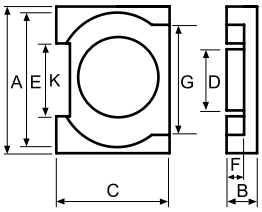
Type:10



Type:11



Type:12



■ 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	–	–	–	–	–	5
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	–	–	–	–	–	6
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	–	–	–	–	–	5
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	–	–	–	–	–	5
ER19.8	19.80 ± 0.30	4.30 ± 0.15	6.60 ± 0.20	6.00 ± 0.20	$15.80^{+0.55}_{-0.30}$	2.10 ± 0.15	–	–	–	–	–	4
ER20/16.4	20.00 ± 0.30	8.20 ± 0.10	14.00 ± 0.30	8.80 ± 0.15	13.10 ± 0.25	6.00 ± 0.15	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 ± 0.15	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	–	–	–	7
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	–	–	–	–	–	10
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	3 + 5
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
ER22.7/14/7.1/2.2	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
ER25/8.2	25.00 ± 0.40	4.10 ± 0.10	18.00 ± 0.30	11.00 ± 0.20	14.50min	1.70 ± 0.15	22.00 ± 0.40	–	–	–	–	4
ERI25	25.00 ± 0.40	6.05 ± 0.05	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	4

■ EFFECTIVE PARAMETERS

CORES	EFFECTIVE PARAMETERS				
	$C_1(mm^{-1})$	Le(mm)	$Ae(mm^2)$	$Ve(mm^3)$	Wt(g/set)
ER18A	0.46	20.24	44.43	899.26	5.00
ER18D/7.2	0.90	22.27	24.85	553.47	2.84
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	26.43	27.70	732.11	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
ERI22.2/15.8/6.7/2.5	0.35	32.69	75.07	2454.04	11.17
ER22.6/8.9	0.83	26.83	32.09	860.77	4.54
ER22.7/14/7.1/2.2	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
ER25/8.2	0.28	24.89	88.99	2214.96	13.30
ERI25	0.29	26.40	89.70	2370.00	13.57
ERI25F	0.40	28.10	70.40	1978.24	10.40

■ ELECTRICAL CHARACTERISTICS

CORES	AL ± 25% (nH/N^2)									
	P4	P41	P42	P45	P451	P47	P48	P5	P51	P61
ER18A						4000				
ER18D/7.2	2000									
ER18.2D						1650				
ER18.8/14.5	2900	2800							1790	
ER19	1400									
ER19.1		2500								
ER19.8	2000									
ER20/16.4	3370			3590		3500				
ER20M										1000
ERI20	5000	4860	3500	5100		5000		3900	3060	
ERI20/14/8.2/2.2	3900			4380		4300				
ER20.5/12.5	2100									
ER21.2	1400									
ERI22.2/15.8/6.7/2.5		5000								
ER22.6/8.9						2460				
ER22.7/14/7.1/2.2										
ER23	3465	3400							2550	
ER25	5800	5700	4880			7200		5310	4220	
ER25/8.2		7000								
ERI25	7000	6810	4870			7500		5600	4240	
ERI25F							5000			

Remark:

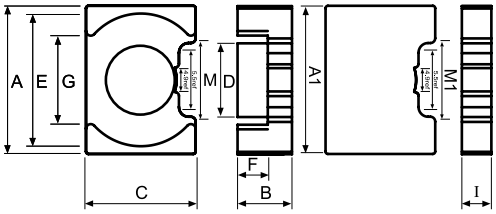
1. AL Value Testing Condition : 10kHz, 50mV, 100Ts.
2. Gapped core is available, please specify upon request & ordering.
   gapping on both pcs to make a set is needed, please specify upon request & ordering.
3. L : Mirror Finished Lapping. Please specify upon request & ordering by adding "L" at the end of Core Size if you need.

Type : ER Cores (2-3)

Ordering Code: P4 (Material) ER22.6/8.9 (Core Size) G□ (Gapped AL Value)

Shape:

Type:13



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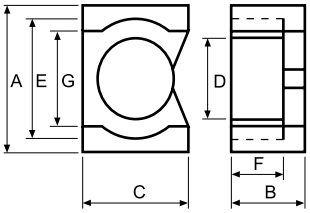

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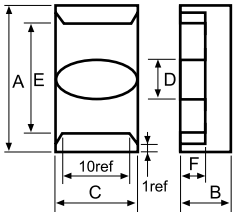

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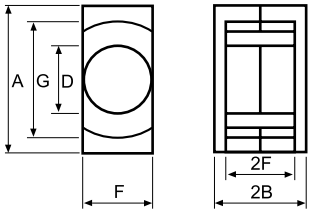

■ DIMENSIONS

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	3 + 5
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	–	–	–	–	–	11
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	–	–	–	–	8
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	–	–	–	12
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
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	13
ER33	33.00 ± 0.30	4.70 ± 0.10	10.00 ± 0.20	$12.90^{+0.20}_{-0.30}$	25.00min	2.90 ± 0.10	–	6.50 ± 0.20	–	–	–	–	9
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	–	–	–	–	–	14
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	–	15.40 ± 0.30	29.00min	–	–	–	–	–	16
ER42	42.00 ± 0.80	7.25 ± 0.15	$14.00^{+0.20}_{-0.30}$	7.00 ± 0.20	34.80min	4.50 ± 0.15	–	–	–	–	–	–	15
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

■ EFFECTIVE PARAMETERS

CORES	EFFECTIVE PARAMETERS				
	$C_1(mm^{-1})$	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	24.19	48.39	1170.35	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
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
ER42	0.30	47.85	59.96	2869.32	11.10
ER63	0.27	104.58	389.13	40696.00	222.60

■ ELECTRICAL CHARACTERISTICS

CORES	AL ± 25% (nH/N^2)									
	P4	P41	P42	P45	P451	P47	P48	P5	P51	P61
ERI25.4/19/6.8/2.4						3500				
ER25.5	3000									
ER25.5A		2500								
ER25.7	8500									
ER26.6						3000				
ER27A				6070						
ER27B				5350						
ER28A		6000				7000				
ERI28	3200									
ER29.8		3700								
ER29.8A							4000			
ER30/8	4300	4100				5000		3600		
ER30D				6300						
ER32B							5500			
ERI32						11000				
ER33	4100									
ER33/60						6500				
ERI36A	6500	6300				7400				
ER40A	3300									
ER42	3100									
ER63	8355									

Remark:
1. AL Value Testing Condition : 10kHz, 50mV, 100Ts.
2. Gapped core is available, please specify upon request & ordering.
   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.