

产品目录

绵阳迈科磁元电子有限公司

电话: **0816—2495200**

传真: **0816—2495200**

Email: xuhob@public.szptt.net.cn

Http: www.magnetic-core.com

Material Characteristics

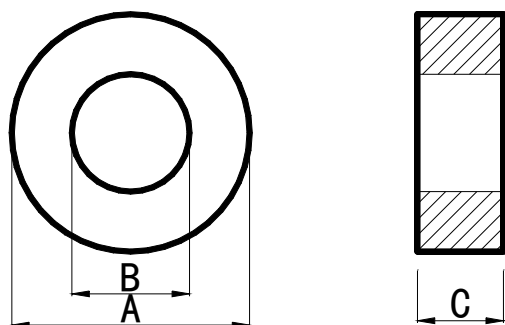
(1)Power Ferrite Material Characteristics

	Symbol	Unit	Measuring Conditions			Material	
			Freq.	Flux den.	Temp.	CP4	CP5
Initial Permeability	U _i		10kHz	<0.1mT	25℃	2300± 25%	2000± 25%
Amplitude Permeability	U _a		25kHz	200mT	25℃	>3200	
					100℃	>3200	
Power Loss	P _o	Kw/m ³	25kHz	200mT	25℃	102	
					100℃	55	
			100kHz	200mT	25℃	700	750
					100℃	450	600
			300kHz	100mT	25℃	660	500
					100℃	430	380
			500kHz	50mT	25℃		190
					100℃		150
Saturation Flux Density	B _{ms}	mT	1kHz	H=1000 A/m	25℃	480	480
					100℃	380	380
Remanence	B _{rms}	mt	1kHz	H=1000 A/m	25℃	100	130
					100℃	50	60
Coercivity	H _c	A/m	1kHz	H=1000 A/m	25℃	8	14
					100℃	5	9
Curie Temperature	T _c	℃				>220	>220
Resistivity	ρ	Ω . m				0.25	0.30
Density	d	Kg/m ³				4.80	4.70

(2)High initial Permeability Ferrite Material Characteristics

	Symbol	Unit	Measuring Conditions			Material			
			Freq.	Flux den.	Temp	H7	H10	H12	H15
Initial Permeability	μ_i		10kHz	<0.1m T	25℃	7000± 25%	10000± 25%	12000± 30%	15000± 30%
Relative Loss factor	$\tan \delta / \mu_i$	*10 ⁻⁶	10kHz	<0.1m T	25℃	<8	<10	<10	<10
			100kHz		25℃	<30	<60	<60	<110
Saturation Flux Density	B _{ms}	mT	1kHz	H=10 00 A/m	25℃	380	380	360	350
					100℃	290	290	180	110
Remanence	Br _{ms}	mT	1kHz	H=10 00 A/m	25℃	48	119	160	130
					100℃	73	146	140	70
Temperature Factor of Permeability	α_F	*10 ⁶	10kHz	<0.1m T	0~20℃	-1~1	-1~1	0~1.5	-1~1
					20~70℃	-1~1	-1~1	-0.5~1	-1~1
Hysteresis Material Constant	η_B	*10 ⁶ / mT	10kHz	1.5-3. 0 mT	25℃	<1.2	<1.0	<0.5	<0.5
Disaccommodation Factor	D _F	*10 ⁶	10kHz	<0.1m T	25℃	<2	<2	<2	<2
Curie Temperature	T _c	℃				>130	>130	>110	>90
Resistivity	ρ	Ω . m				0.25	0.30	0.10	0.10

Type: T Core



DIMENSIONS AND EFFECTIVE PARAMETERS

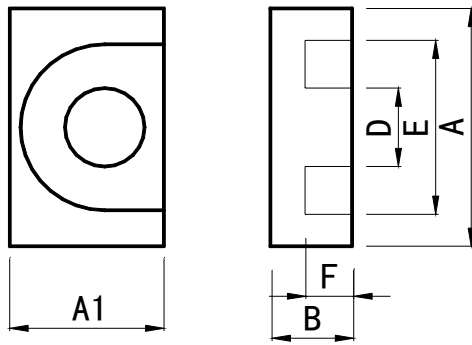
CORES	DIMENSIONS(mm)			EFFECTIVE PARAMETERS			
	A	B	C	Le(mm)	Ae(m ²)	Ve(m ³)	W(g)
T2.54/1.27/1.27	2.54±0.15	1.27±0.15	1.27±0.15	5.531	0.7749	4.286	0.02
T3.05/1.27/1.27	3.05±0.15	1.27±0.15	1.27±0.15	5.988	1.0596	6.345	0.02
T3.5/1.78/2.06	3.5±0.15	1.78±0.15	2.06±0.15	7.619	1.6386	12.485	0.10
T4/2/2	4.00±0.30	2.00±0.30	2.00±0.20	9.42	2.00	18.84	0.09
T6/3/2	6.00±0.30	3.00±0.30	2.00±0.20	14.13	3.00	42.41	0.21
T9/5/3	9.10±0.30	3.00±0.30	5.10±0.30	22.3	6.00	133	0.60
T10/6/4	10.10±0.30	6.10±0.30	4.00±0.30	25.44	8.00	203	0.99
T13/8/6	12.70±0.40	8.0±0.40	6.35±0.30	32.1	14.4	462.8	2.33
T14/9/5	14.00±0.40	9.00±0.30	5.00±0.30	36.12	12.50	451	2.27
T16/12/8	16.00±0.40	12.0±0.30	8.00±0.30	43.98	16.00	704	3.35
T22/14/8	22.00±0.40	14.0±0.40	8.00±0.30	56.54	32.00	1809	8.72
T25/15/8	25.00±0.40	15.0±0.40	8.00±0.30	62.83	40.00	2513	12.41
T25/15/10	25.00±0.40	15.0±0.40	10.00±0.30	62.83	50.00	3141	15.16
T25/15/12	25.00±0.40	15.0±0.40	12.00±0.30	62.83	60.00	3770	18.81
T25/15/13	25.00±0.40	15.0±0.40	13.00±0.30	62.83	65.00	4084	20.00
T25/15/15	25.00±0.40	15.0±0.40	15.00±0.30	62.83	75.00	4172	23.30
T31/19/13	31.00±0.60	19.0±0.40	13.00±0.50	71	88.10	6260	31
T36/23/15	36.00±0.60	23.50±0.50	15.00±0.50	92.7	97.5	9036	42
T38/19/13	38.00±0.60	19.00±0.50	13.00±0.50	89.5	123.5	11057	54
T50/25/20	50.0±1.20	25.0±0.6	20.00±0.50	108.9	240	26100	131
T63/38/25	62.80±1.70	37.6±1.1	25.00±1.2				229

ELECTRICAL CHARACTERISTICS

CORES	AL±25%(NH/N ²)			AL±30%(NH/N ²)
	CP4	H5	H7	H10
T2.54/1.27/1.27	440	880	1320	1761
T3.05/1.27/1.27		1112	1668	2224
T3.5/1.78/2.06	500	1300	1800	2500
T4.0/2.2/1.3		720	920	1300
T4/2/2	640	1400	2000	2500
T6/3/2	660	1450	2200	2600
T9/5/3	880	1760	2470	3520
T10/6/4	1020	2040	2850	4080
T13/8/6	1487	2990	4190	5950
T14/9/5	1100	2210	3090	4420
T16/12/8	1150	2300	3220	4600
T22/14/8	1804	3620	5060	7230
T25/15/8	2040	4090	5720	8200
T25/15/10	2550	5110	7150	10220
T25/15/12	3064	6130	8580	12260
T25/15/13	3322	6640	9300	13270
T25/15/15	3830	7660	10730	15330
T31/19/13	3770	6480	8247	11781
T36/23/15	3210	6430	9000	12860
T38/19/13	4200	8400	11800	16800
T50/25/20	6643	11418	14532	20759
T63/38/25	4810	12600	17700	

Remark: AL Value testing condition: 10kHz, 50mV,10Ts,

Type: EP Core



DIMENSIONS AND EFFECTIVE PARAMETERS

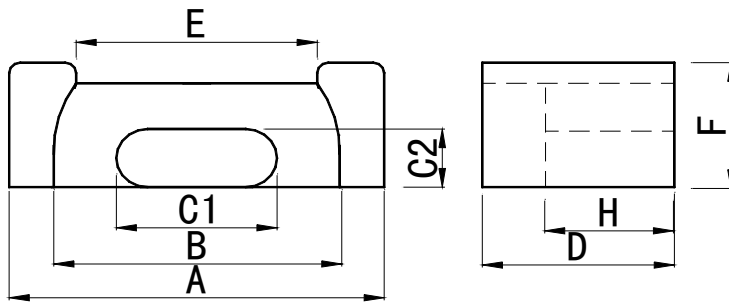
Cores	DIMENSIONS (mm)						EFFECTIVE PARAMETERS			
	A	A1	B	D	E	F	Le mm	Ae mm ²	Ve mm ³	W (g)
EP7	9.2±0.2	6.35±0.15	3.75_0.1	3.3±0.1	7.40±0.2	2.6±0.1	15.7	10.3	162	1.4
EP10	11.5±0.3	7.65±0.2	5.2_0.1	3.3±0.15	9.4±0.2	3.7±0.1	19.2	11.3	217	2.8
EP13	12.5±0.3	8.8±0.2	6.5_0.15	4.35±0.15	10.0±0.3	4.6±0.1	24.2	19.5	472	5.1
EP17	18±0.4	11±0.25	8.4±0.2	5.68±0.2	12.0±0.4	5.65±0.2	28.5	33.9	970	12
EP20	24±0.5	14.95±0.35	10.7±0.2	8.25±0.2	16.5±0.4	7.15±0.2	39.8	78	3120	28

ELECTRICAL CHARACTERISTICS

CORES	AL ± 25% (nH/N ²)			AL ± 30% (nH/N ²)
	CP4	H5	H7	H10
EP7	1100	2000	3500	5200
EP10	1000	2000	3400	4800
EP13	1600	2800	4400	7000
EP20	3000	7000 min	9000 min	13500 min

Remark: AL Value testing condition: 1kHz, 0.5mA, 10Ts.

Type: EPC Core



DIMENSIONS

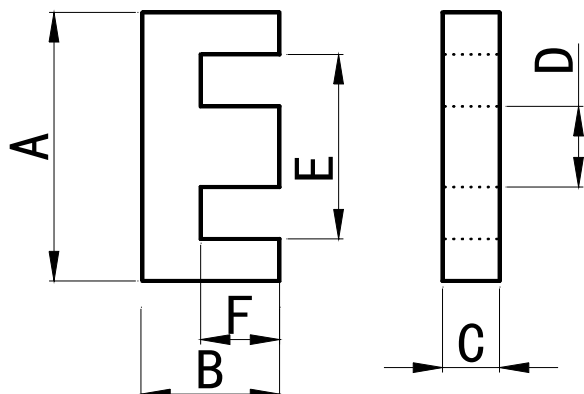
Cores	DIMENSIONS (mm)							
	A	B	C1	C2	D	E	F	H
EPC10	10.2±0.2	7.6 min	5.0±0.2	1.9±0.1	4.05±0.1	5.3 min	3.4±0.1	2.65±0.1
EPC13	13.2±0.3	10.7±0.2	5.6±0.2	2.05±0.1	6.6±0.30	8.3 min	4.6±0.2	4.5±0.2
EPC17	17.5±0.5	14.5±0.2	7.7±0.2	2.8±0.1	8.55±0.30	12.0±0.5	6.0±0.2	6.05±0.2
EPC19	19.1±0.5	16.0±0.2	8.50±0.2	2.5±0.1	9.75±0.30	13.6±0.5	6.0±0.2	7.25±0.2
EPC25	25.2±0.5	21 min	11.2±0.2	4.0±0.1	12.5±0.30	17.5 min	8.0±0.2	9.2±0.2
EPC50	51.5±1	38 min	23.5±0.4	5.0±0.2	26.0±0.3		10.±0.3	18.8±0.3

EFFECTIVE PARAMETERS AND ELECTRICAL CHARACTERISTICS

Cores	EFFECTIVE PARAMETERS				CP4
	Le(mm)	Ae(mm ²)	Ve mm ³	W(g)	AL ± 25%(NH/N ²)
EPC10	17.8	9.39	167	1.1	700
EPC13	30.6	12.5	382	2.1	870
EPC17	40.2	22.8	917	4.5	1150
EPC19	46.1	22.7	1047	5.3	940
EPC25	59.2	46.4	2748	13	1560
EPC50	109	140	15200	86	2600

Remark: AL Value testing condition: 1kHz, 10Ts.

Type: EF EE Core



DIMENSIONS

Cores	DIMENSIONS (mm)					
	A	B	C	D	E	F
EE5	5.3±0.3	2.7±0.2	1.95±0.2	1.35±0.2	3.8 min	2.0±0.15
EE0808	8.4±0.3	4.05±0.2	3.7±0.2	1.90±0.2	6.10 min	3.0±0.15
EE1010	10.20±0.3	5.7±0.3	4.75±0.2	2.45±0.2	7.70 min	4.2±0.15
EE1312	13.00±0.2	6.00±0.2	6.15±0.2	2.75±0.2	10.20 min	4.7±0.15
EF12.6	12.6±0.5	6.4±0.1	3.6±0.2	3.65±0.2	8.8 min	4.65±0.15
EE1614	16.00±0.4	8.20±0.4	4.80±0.2	3.80±0.2	11.70 min	5.3±0.3
EF16	16.1±0.6	8.05±0.2	4.5±0.2	4.55±0.2	11.3 min	5.9±0.2
EEL16	16.00±0.4	12.3±0.4	4.90±0.2	4.00±0.2	11.70 min	10.2±0.3
EE1916	19.00±0.4	8.00±0.4	4.80±0.3	4.65±0.3	13.70 min	5.7±0.3
EEL19	19.00±0.6	13.7±0.4	5.10±0.4	4.85±0.3	13.70 min	11.4±0.3
EF20	20.00±0.5	9.90±0.2	5.65±0.25	5.7±0.2	14.10 min	7.2±0.2
EE2219	22.00±0.5	9.5±0.40	5.70±0.3	5.70±0.3	13.70 min	5.3±0.3
EE2520	25.4±0.5	9.8±0.30	6.30±0.3	6.35±0.25	18.50 min	6.65±0.25
EF25	25.05±0.75	12.55±0.25	7.20±0.3	7.25±0.25	17.50 min	8.95±0.25
EF2511	25.05±0.75	12.55±0.25	10.75±0.3	7.25±0.25	17.50 min	8.95±0.25
EE2821	28.0±0.70	10.5±0.5	10.7±0.3	7.2±0.25	18.6 min	6.5±0.3
EF30	30.1±0.70	15.0±0.3	7.05±0.3	6.95±0.25	19.5 min	10±0.25
EE3529	34.7±0.70	14.4±0.4	9.2±0.3	9.4±0.3	25 min	9.6±0.3
EE4035	40.1±0.80	17.4±0.4	11.7±0.3	11.7±0.3	27.5 min	10.3±0.3
EE4215	42.0±1.0	21.3±0.5	15±0.3	12.0±0.3	29.5 min	15.3±0.4
EE4220	42.0±1.0	21.3±0.5	19.7±0.3	12.0±0.4	29.5 min	15.3±0.4
EE5555	55.0±1.0	27.7±0.5	20.6±0.5	16.9±0.4	37.5 min	18.8±0.4
EE6565	65.2±1.3	32.5±0.5	27.4±0.5	19.7±0.4	37.5 min	22.5±0.6

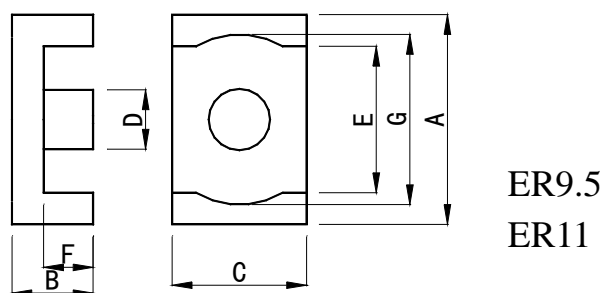
EFFECTIVE PARAMETERS AND ELECTRICAL CHARACTERISTICS

Cores	EFFECTIVE PARAMETERS				ELECTRICAL CHARACTERISTICS		
	Le mm	Ae mm ²	Ve mm ³	W(g)	AL ± 25%(NH/N ²)		
					CP4	H7	H10
EE5	12.5	2.66	33.3	0.3	280		800
EE0808	19.7	6.65	131	0.7	590	1100	1500
EE1010	26	12	323	1.68	940	1750	2500
EE1312	28	17	480	2.44	1250	1950	3350
EF12.6	29.6	12.4	367	2.2	830	2100	3500 min
EE1614	35.5	18.4	653.2	3.2	1150	2100	3400
EF16	37.6	20.1	754	4.3	1100	2540	4200 min
EEL16	55.0	20.0	1116.0	5.3	800	1980	3300
EE1916	39.2	23.3	913.4	4.6	1250	2700	4000
EEL19	61.0	25.0	1553.0	7.4	800	2280	3800
EF20	44.9	33.5	1500	7.4	1570	3800	6350 min
EE2219	40.2	39.5	1590	8.7	2200	4850	6650
EE2520	48	40	1962	9.72	1800	4400	7200 min
EF25	57.8	51.8	2990	15.1	2000	4880	8150 min
EF2511	57.8	77.3	4464	22.6	3000		
EE2821	48.6	97.5	4739	24	4000		
EF30	66.9	59.7	4000	22	2100		
EE3529	69.3	86.2	5974	30	2950		
EE4035	77.1	147	11370	60	4000		
EE4215	97.9	178	17510	88	4500		
EE4220	97.8	235	23000	116	5400		
EE5555	123	352	43470	221	6500		
EE6565	147	535	78700	410	8000		

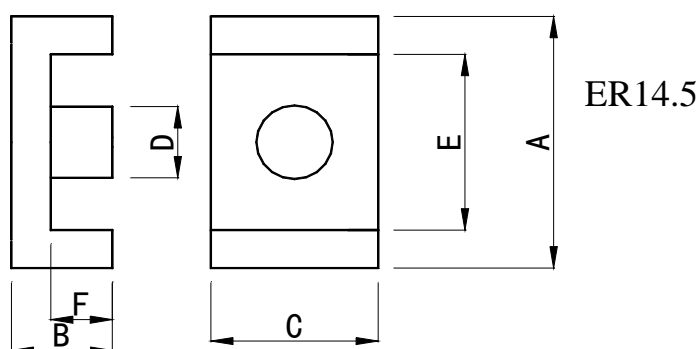
Remark: AL Value testing condition: 10kHz, 50mV, 10Ts.

H10 : AL ± 30%(NH/N²)

Type: ER Core



ER9.5
ER11



ER14.5

DIMENSIONS

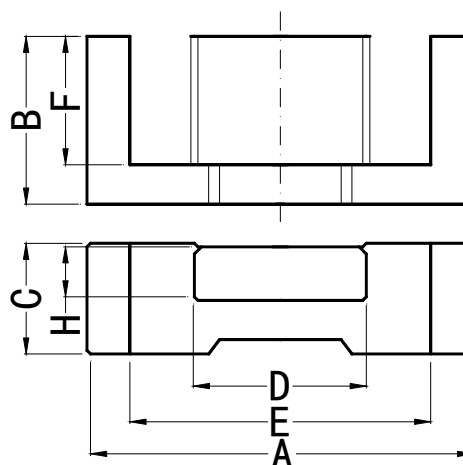
Cores	DIMENSIONS (mm)						
	A	B	C	D	E	F	G
ER9.5	9.35±0.2	2.45±0.1	4.9±0.15	3.35±0.15	6.7 min	1.6±0.1	7.5±0.2
ER11	10.8±0.2	2.45±0.1	5.9±0.1	4.1±0.15	7.9 min	1.6±0.1	8.7 min
ER14.5	14.5±0.2	2.95±0.1	6.7±0.1	4.7±0.1	11.8 ±0.2	1.65±0.10	-----

EFFECTIVE PARAMETERS AND ELECTRICAL CHARACTERISTICS

Cores	EFFECTIVE PARAMETERS				ELECTRICAL CHARACTERISTICS				
	Le(mm)	Ae(mm ²)	Ve mm ³	W(g)	AL±25%(nH/N ²)				
					CP4		H5	H7	H10
ER9.5	14.2	8.47	120	0.96	800		1150	1300	3600
ER11	14.9	12.1	179.8	1.28	1200		2100	2380	6400
ER14.5	19.0	17.6	333	2.34	1400		2200	2600	6600

Remark: AL Value testing condition: 10kHz, 50mV, 10Ts.

Type: EFD Core



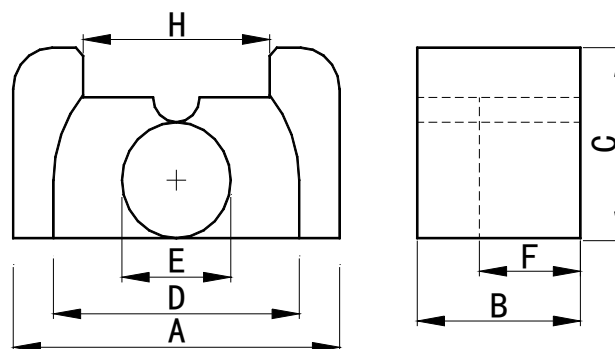
Cores	DIMENSIONS (mm)						
	A	B	C	D	E	F	H
EFD9.5	9.6±0.15	4.6±0.1	2.2±0.2	4.0±0.1	7.35±0.15	3.0±0.1	1.15±0.1
EFD15	15±0.35	7.5±0.2	4.6±0.15	5.3±0.15	11±0.25	5.5±0.15	2.3±0.1
EFD20	20±0.55	10±0.2	6.6±0.15	8.9±0.2	15.4±0.5	7.7±0.25	3.7±0.15
EFD25	25±0.65	12.5±0.2	9.1±0.2	11.4±0.2	18.7±0.6	9.3±0.25	5.2±0.15
EFD30	30±0.8	15±0.2	9.1±0.2	14.6±0.25	22.4±0.75	11.2±0.3	5.2±0.15
EFD46	46.0±0.8	30±0.3	12.0±0.2	20.0±0.25	36.0±0.75	24.0±0.3	6.0±0.2

EFFECTIVE PARAMETERS AND ELECTRICAL CHARACTERISTICS

Cores	EFFECTIVE PARAMETERS				CP4
	Le(mm)	Ae(mm ²)	Ve mm ³	W(g)	AL ± 25%(nH/N ²)
EFD9.5	47	15	1460	0.7	460
EFD15	34	15	510	3	900
EFD20	47	15	1460	7	1300
EFD25	57	58	3310	16.6	2100
EFD30	68	69	4690	24	2050
EFD46	158	118		82	2300

Remark: AL Value testing condition: 1kHz, 0.5mA, 10Ts.

Type: LP Core



DIMENSIONS

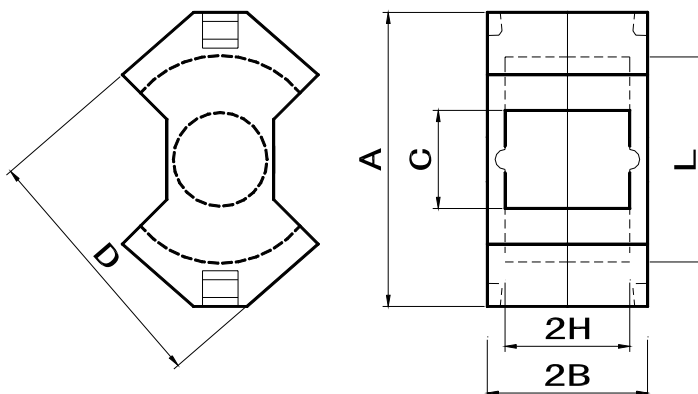
Cores	DIMENSIONS (mm)						
	A	B	C	D	E	F	H
LP23/8	16.5±0.3	11.8±0.2	8.7±0.2	12.5±0.3	5.7±0.1	8.8±0.2	9±0.5
LP22/13	25±0.4	11.2±0.1	12.9±0.3	19±0.3	8.6±0.2	8.2±0.15	13.5±0.5

EFFECTIVE PARAMETERS AND ELECTRICAL CHARACTERISTICS

Cores	EFFECTIVE PARAMETERS				CP4
	Le(mm)	Ae(mm ²)	Ve mm ³	W(g)	AL ± 25%(nH/N ²)
LP23/8	44.1	31.3	1377	9.6	1600
LP22/13	49	67.9	3277	21	3310

Remark: AL Value testing condition: 1kHz, 0.5mA, 10Ts.

Type: RM Core



DIMENSIONS

Cores	DIMENSIONS (mm)					
	A	B	C	D	H	L
RM4	11.1±0.3	5.2±0.1	3.8±0.1	9.73±0.2	3.6±0.1	8.3±0.2
RM5	14.65±0.3	5.2±0.1	4.8±0.1	12.05±0.2	3.25±0.1	10.4±0.2
RM6	17.6±0.3	6.2±0.2	6.3±0.1	14.4±0.3	4.1±0.2	12.65±0.3
RM8	22.75±0.5	8.2±0.1	8.4±0.2	19.35±0.4	5.5±0.1	17.3±0.2
RM10	27.85±0.7	9.3±0.1	10.7±0.1	24.15±0.6	6.35±0.2	21.65±0.5
RM12	36.85±0.7	12.3±0.1	12.6±0.2	29.2±0.7	8.6±0.3	25.45±0.5
RM14	41.6±0.7	15.1±0.1	14.75±0.2	34.6±0.7	10.6±0.3	29.5±0.5

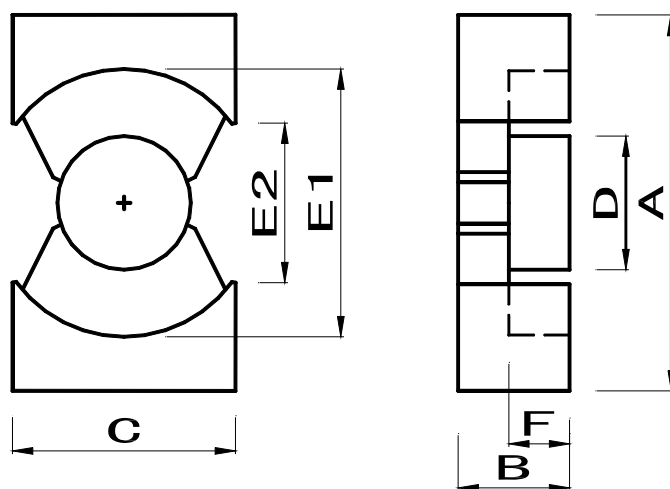
EFFECTIVE PARAMETERS AND ELECTRICAL CHARACTERISTICS

Cores	EFFECTIVE PARAMETERS				CP4	H7	H10
	Le(mm)	Ae(mm ²)	Ve mm ³	W(g)	AL	AL	AL
RM4	22.7	14	317.8	1.7	680		
RM5	22.4	23.7	530	3	1250	5300	7000
RM6	29	37	1050	5.1	1600	6300	9000
RM8	38	64	2430	13	1950	8000	13000
RM10	44	98	4310	23	3630	11000	16800
RM12	57.0	140	7960	42	4150		
RM14	70.0	178	12600	70	4600		

Remark: AL (±25%NH/N²) Value testing condition: 1kHz, 0.5mA, 10Ts.

H10 : AL ±30%(NH/N²)

Type: PQ Core



DIMENSIONS

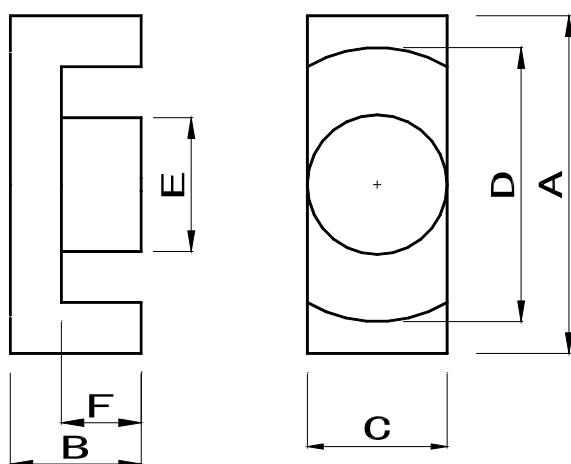
Cores	DIMENSIONS (mm)						
	A	B	C	D	E1	E2	F
PQ2016	20.5±0.4	8.1±0.1	14±0.4	8.8±0.2	18±0.4	12min	5.15±0.2
PQ2020	20.5±0.4	10.2±0.2	14±0.4	8.8±0.2	18±0.4	12 min	7.15±0.2
PQ2620	26.5±0.45	9.6±0.2	19±0.45	12±0.2	22.5±0.45	15.5 min	5.75±0.2
PQ2625	26.5±0.45	12.6±0.2	19±0.45	12±0.2	22.5±0.45	15.5 min	8.05±0.2
PQ3220	32±0.5	10.5±0.2	22±0.5	13.45±0.3	27.5±0.5	19 min	5.75±0.2
PQ3230	32±0.5	15.4±0.2	22±0.5	13.45±0.3	27.5±0.5	19 min	10.6±0.2
PQ3535	35.1±0.6	17.4±0.2	26±0.5	14.35±0.3	32.0±0.5	23.5 min	12.5±0.2

EFFECTIVE PARAMETERS AND ELECTRICAL CHARACTERISTICS

Cores	EFFECTIVE PARAMETERS				CP4
	Ae(mm ²)	Le(mm)	Ve mm ³	W(g)	AL±25%(nH/N ²)
PQ2016	62	37.4	2310	13	3430
PQ2020	62	45.4	2790	15	2920
PQ2620	119	46.3	5490	31	5510
PQ2625	118	55.5	6530	36	4670
PQ3220	170	55.5	9420	42	6730
PQ3230	161	74.6	12000	55	4900
PQ3535	196	87.9	17260	73	4800

Remark: AL Value testing condition: 1kHz, 0.5mA, 10Ts.

Type: **EER Core**



DIMENSIONS

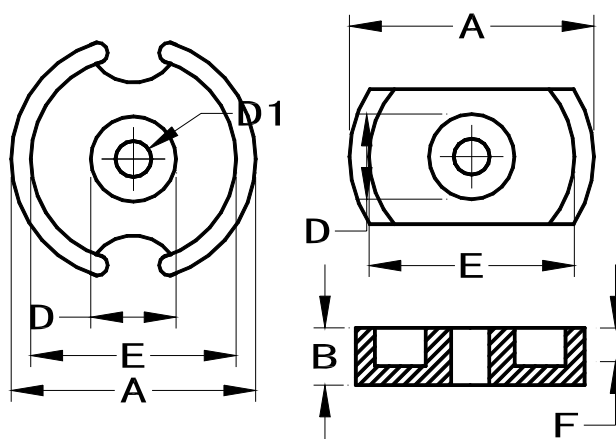
Cores	DIMENSIONS (mm)					
	A	2B	C	D	E	2F
EER2820	28.5±0.6	20.0±0.4	11.4±0.3	21.4 min	9.9±0.3	13.0±0.3
EER2828	28.5±0.6	28.0±0.4	11.4±0.3	21.4 min	9.9±0.3	19.3±0.3
EER2834	28.5±0.6	33.8±0.5	11.4±0.3	21.4 min	9.9±0.3	25.0±0.3
EER3032	29.8±0.6	31.6±0.5	9.5±0.3	22 min	9.5±0.3	22±0.6
EER3542	35.3±0.5	41.8±0.5	11.3±0.3	26.4 min	11.3±0.3	29.8±0.5
EER3543	35.3±0.5	43.8±0.5	11.3±0.3	26.4 min	11.3±0.3	31±0.5
EER3940	39.1±0.8	40.4±0.5	12.5±0.3	29.3 min	12.5±0.3	30±0.5
EER3945	39.3±0.8	44.6±0.5	12.5±0.3	29.3 min	12.5±0.3	34.2±0.5
EER4045	40.0±0.7	44.8±0.5	13.3±0.3	29 min	13.3±0.3	30.8±0.5
EER4215	42.0±0.8	43.8±0.5	14.8±0.3	30.4 min	14.8±0.3	31.8±0.5
EER4220	42.0±0.8	42.4±0.5	19.6±0.4	30.4 min	14.8±0.3	30.3±0.7
EER4445	44.0±1.0	44.6±0.6	14.9±0.3	32.5 min	14.9±0.3	33.0±0.8
EER4950	48.7±1.0	49.4±0.6	16.3±0.4	36.1min	16.3±0.4	36.2±0.8
EER4954	49.0±0.8	54.0±0.5	17.2±0.4	36.4min	17.2±0.4	37.0±0.8

EFFECTIVE PARAMETERS AND ELECTRICAL CHARACTERISTICS

Cores	EFFECTIVE PARAMETERS				ELECTRICAL CHARACTERISTICS		
	Le mm	Ae mm ²	Ve mm ³	W(g)	AL ± 25%(NH/N ²)		
					CP4	H7	H10
EER2820	49.5	44.3	4010	22	3300		
EER2828	63	86	5410	22	2700		
EER2834	74.4	85.4	6360	33	2400		
EER3032	70.7	76.2	5390	28	2300		
EER3542	91	109	9920	52	2800		
EER3543	98.1	109	10693	53	2700		
EER3940	92.6	124	11560	58	3100		
EER3945	101.5	123	12484	66	2900		
EER4045	94.7	151	14707	78	3600		
EER4215	98.8	172	17090	92	4200		
EER4220	95.1	234	22280	115	4800		
EER4445	104	173	17910	91	3750		
EER4950	114	211	24140	123	4000		
EER4954	118	241	28460	137	5300		

Remark: AL Value testing condition: 10kHz, 50mV, 10Ts.

Type: P/C Core



DIMENSIONS

Cores	DIMENSIONS (mm)					
	A	B	D	E	F	D1
P9/5	9.15±0.2	2.65±0.1	3.8±0.1	7.63±0.15	1.88±0.1	1.95±0.1
P11/7	11.1±0.25	3.3±0.1	4.6±0.1	9.2±0.2	2.3±0.1	2.1±0.1
P14/8	14.0±0.3	4.18±0.1	6.09 max	11.6 min	2.79 min	3.1±0.1
C14/8	14.0±0.3	4.18±0.1	6.09 max	11.6 min	2.79 min	3.1±0.1
DC14/8	14.0±0.3	4.18±0.1	6.09 max	11.6 min	2.79 min	3.1±0.1
P18/11	17.9±0.4	5.3±0.1	7.4±0.2	15.25±0.3	3.8±0.2	3.02±0.1
C18/11	17.9±0.4	5.3±0.1	7.4±0.2	15.25±0.3	3.8±0.2	3.02±0.1
P23/11	22.86±0.5	5.53±0.3	9.9 max	17.93min	3.63 min	5.08±0.2
C23/11	22.86±0.5	5.53±0.3	9.9 max	17.93min	3.63 min	5.08±0.2
P30/19	30.0±0.6	9.4±0.3	13.3±0.3	25.4±0.4	2.6±0.2	5.55±0.2

EFFECTIVE PARAMETERS AND ELECTRICAL CHARACTERISTICS

Cores	EFFECTIVE PARAMETERS				AL (nH/N ²)		
	Ae(mm ²)	Le(mm)	Ve mm ³	W(g)	CP4	H7	H10
P9/5	12.2	9.8	119.6	0.9	1200		
P11/7	15.5	16.2	251	2	2000		
P14/8	19.8	25.0	495	3.2	2000		9800±40%
C14/8	21.1	23.3	492	2.66	1650		8000±40%
DC14/8	22.5	22	495	2.66	1440		
P18/11	25.8	43.3	1120	6.66	2850		12600
C18/11	27.2	40.6	1110	5.4	2500		
P23/11	31.6	57.2	1807.5	14.2	4080		
C23/11	28.6	61.0	1744.6	12.0	4600		
P30/19	47.3	132	6240	30	6000		

Remark: AL Value testing condition: 1kHz, 0.5mA,10Ts.