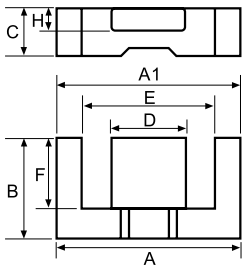
Type : EFD Cores (1)

Ordering Code:

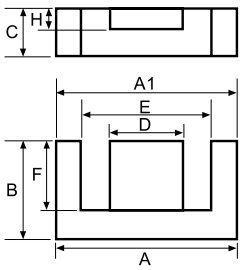
P4	EFD6.2	G□
Material	Core Size	Gapped AL Value

Shape:

Type:1



Type:2



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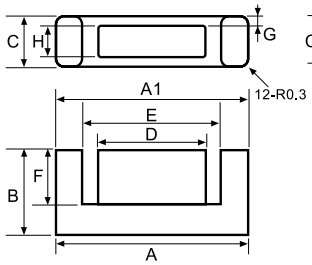
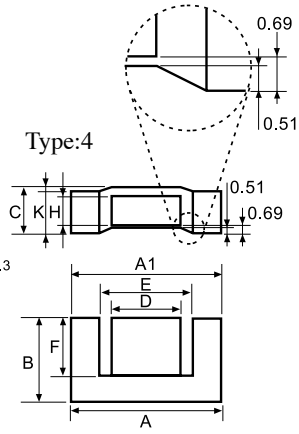


Type:4



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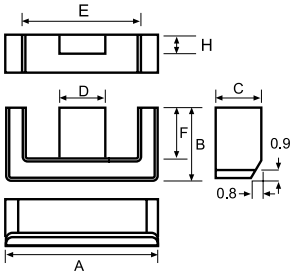
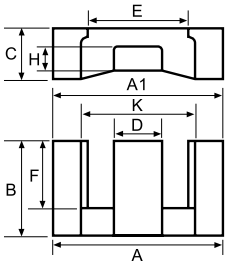
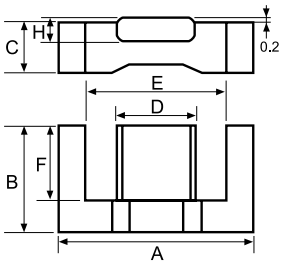


Type:6



Type:7



■ DIMENSIONS

CORES	DIMENSIONS (mm)										Type
	A	B	C	D	E	F	G	H	K	A-A1	
EFD6.2	6.25 ± 0.15	3.15 ± 0.10	2.50 ± 0.10	2.50 ± 0.10	4.85 ± 0.15	2.30 ± 0.10	–	1.25 ± 0.10	–	0.15max	2
EFD6.4	6.40 ± 0.15	3.70 ± 0.10	2.90 ± 0.10	2.35 ± 0.10	5.30 ± 0.15	2.90 ± 0.10	–	1.40 ± 0.10	–	–	2
EFD6.5	6.50 ± 0.15	3.65 ± 0.10	3.00 ± 0.10	2.50 ± 0.10	5.20 ± 0.15	2.85 ± 0.10	–	1.70 ± 0.10	–	–	2
EFD6.5-1	6.55 ± 0.15	3.65 ± 0.10	3.00 ± 0.10	2.50 ± 0.10	5.25 ± 0.15	2.85 ± 0.10	–	1.70 ± 0.10	–	0.15max	2
EFD7.5	7.50 ± 0.30	4.05 ± 0.15	2.30 ± 0.15	2.50 ± 0.15	5.70 ± 0.20	2.75 ± 0.15	–	1.15 ± 0.15	–	–	5
EFD8.0	8.00 ± 0.15	3.70 ± 0.10	1.90 ± 0.10	3.40 ± 0.10	5.90 min	2.30 ± 0.10	–	0.90 ± 0.10	–	0.15max	2
EFD9.2A	9.20 ± 0.20	4.50 ± 0.10	1.90 ± 0.10	5.10 ± 0.15	6.60 ± 0.15	3.10 ± 0.10	0.50 ± 0.10	0.90 ± 0.10	–	–	3
EFD9.5	9.60 ± 0.15	4.60 ± 0.10	2.20 ± 0.10	4.00 ± 0.10	7.35 ± 0.15	3.00 ± 0.10	–	1.15 ± 0.10	–	≤ 0.13mm	1
EFD9.7A	9.70 ± 0.15	4.30 ± 0.10	3.00 ± 0.10	4.00 ± 0.10	7.70 ± 0.15	3.10 ± 0.10	–	1.50 ± 0.07	–	≤ 0.13mm	2
EFD9.8	9.80 ± 0.15	9.80 ± 0.10	2.50 ± 0.10	4.50 ± 0.10	7.40 ± 0.15	7.80 ± 0.10	–	1.31 ± 0.10	–	0.15max	2
EFD10.7	10.70 ± 0.20	6.50 ± 0.10	3.50 ± 0.15	3.20 ± 0.10	8.30 ± 0.15	5.15 ± 0.10	–	1.50 ± 0.10	–	–	2
EFD11.2A	$11.20^{+0.20}_{-0.25}$	5.70 ± 0.12	2.70 ± 0.20	$4.90^{+0.10}_{-0.15}$	8.70 ± 0.20	3.95 ± 0.10	–	$1.40^{+0.10}_{-0.15}$	–	–	2
EFD11.3	11.30 ± 0.20	6.70 ± 0.20	3.50 ± 0.15	3.20 ± 0.15	8.50 min	5.20 ± 0.10	–	1.50 ± 0.10	–	–	2
EFD11.7/13.6	11.75 ± 0.15	13.60 ± 0.15	2.38 ± 0.15	5.00 ± 0.10	8.65 ± 0.15	11.60 ± 0.10	–	1.50 ± 0.10	–	≤ 0.20mm	2
EFD12.2A	12.20 ± 0.25	7.60 ± 0.20	3.50 ± 0.15	3.30 ± 0.15	9.80 ± 0.25	6.35 ± 0.15	–	2.00 ± 0.15	–	≤ 0.25mm	2
EFD12A/3.5	12.00 ± 0.20	7.70 ± 0.15	3.50 ± 0.15	3.20 ± 0.10	9.35 min	6.30 ± 0.15	–	1.50 ± 0.10	–	0.15max	2
EFD12.4B	$12.40^{+0.30}_{-0.20}$	6.05 ± 0.20	4.00 ± 0.10	5.15 ± 0.15	9.70 min	4.60 ± 0.15	–	2.20 ± 0.10	–	–	2
EFD12.45	12.45 ± 0.25	6.20 ± 0.15	3.90 ± 0.08	5.80 ± 0.12	7.75 ± 0.15	4.05 ± 0.10	–	2.55 ± 0.05	3.50 ± 0.06	–	4
EFD12.5A	12.50 ± 0.30	6.20 ± 0.10	3.50 ± 0.10	5.40 ± 0.15	9.00 min	4.55 ± 0.15	–	2.00 ± 0.20	–	–	7
EFD12.7	12.75 ± 0.25	6.85 ± 0.15	3.30 ± 0.15	6.00 ± 0.10	9.35 ± 0.15	4.55 ± 0.15	–	1.85 ± 0.10	–	≤ 0.20mm	2
EFD12.7A	12.70 ± 0.20	10.60 ± 0.15	5.40 ± 0.15	$4.50^{+0.10}_{-0.15}$	$8.90^{+0.20}_{-0.10}$	8.20 ± 0.15	–	3.50 ± 0.10	–	0.15max	2
EFD13	13.20 ± 0.35	6.85 ± 0.15	2.85 ± 0.15	5.25 ± 0.15	$9.60^{+0.15}_{-0.25}$	4.80 ± 0.15	–	1.40 ± 0.10	–	≤ 0.30mm	1
EFD13D	13.00 ± 0.30	6.40 ± 0.20	4.00 ± 0.20	5.30 ± 0.20	10.00 min	4.85 ± 0.20	–	2.15 ± 0.15	–	–	2
EFD13.3	13.35 ± 0.25	5.65 ± 0.15	3.80 ± 0.15	6.65 ± 0.15	10.00 ± 0.20	3.80 ± 0.20	–	1.65 ± 0.10	10.40 ± 0.20	≤ 0.30mm	6
EFD13.5A	$13.50^{+0.20}_{-0.15}$	$11.00^{+0.15}_{-0.10}$	4.50 ± 0.10	5.30 ± 0.10	9.80 min	8.55 ± 0.10	–	3.00 ± 0.10	–	0.20max	2
EFD13.5B	$13.50^{+0.20}_{-0.15}$	$11.55^{+0.15}_{-0.10}$	3.80 ± 0.10	5.30 ± 0.10	9.80 min	9.05 ± 0.10	–	2.70 ± 0.10	–	0.20max	2
EFD13.8	14.00 ± 0.35	8.65 ± 0.15	3.35 ± 0.15	5.60 ± 0.15	10.60 ± 0.30	$6.45^{+0.15}_{-0.10}$	–	1.60 ± 0.10	–	≤ 0.20mm	1

■ EFFECTIVE PARAMETERS

CORES	EFFECTIVE PARAMETERS				
	$C_1(mm^{-1})$	Le(mm)	$Ae(mm^2)$	$Ve(mm^3)$	Wt(g/set)
EFD6.2	4.47	14.26	3.19	45.49	0.27
EFD6.4	5.11	17.05	3.34	56.91	0.30
EFD6.5	4.25	16.77	3.95	66.24	0.38
EFD6.5-1	4.26	16.82	3.95	66.44	0.39
EFD7.5	4.98	17.15	3.44	59.07	0.40
EFD8.0	4.85	15.95	3.29	52.48	0.38
EFD9.2A	4.27	18.80	4.40	82.70	0.52
EFD9.5	4.06	20.10	4.80	97.50	0.56
EFD9.7A	2.71	19.53	7.21	140.76	0.80
EFD9.8	6.54	39.64	6.06	240.22	1.30
EFD10.7	4.87	28.02	5.75	161.12	1.14
EFD11.2A	3.60	25.05	6.96	174.40	0.98
EFD11.3	4.60	28.40	6.18	175.50	0.92
EFD11.7/13.6	7.57	56.28	7.43	418.16	2.10
EFD12.2A	3.94	32.29	8.19	264.46	1.50
EFD12A/3.5	5.47	33.18	6.07	201.38	1.34
EFD12.4B	2.61	27.88	10.68	297.89	1.64
EFD12.45	1.66	25.60	15.40	394.20	2.10
EFD12.5A	2.47	27.46	11.10	304.81	1.50
EFD12.7	2.57	28.68	11.13	319.20	1.80
EFD12.7A	2.42	43.33	17.93	776.91	4.39
EFD13	3.57	29.28	8.18	239.50	1.53
EFD13D	2.69	30.58	11.37	347.70	1.53
EFD13.3	2.15	25.10	11.65	292.42	1.64
EFD13.5A	2.78	45.97	16.54	760.34	4.04
EFD13.5B	3.33	48.03	14.44	693.55	3.62
EFD13.8	3.75	36.98	9.84	363.80	2.04

■ ELECTRICAL CHARACTERISTICS

CORES	AL ± 25% (nH/N^2)										AL + 40% - 30% (nH/N^2)		
	P4	P41	P45	P451	P47	P48	P5	P61	A05	A07	A10(L)	A121(L)	A151(L)
EFD6.2	390	345											
EFD6.4	400												
EFD6.5	400						350						
EFD6.5-1	380	370											
EFD7.5													
EFD8.0	360	355	375		370								
EFD9.2A	440												
EFD9.5	460												
EFD9.7A					500								
EFD9.8	300												
EFD10.7										800	1900		
EFD11.2A													
EFD11.3										1000			
EFD11.7/13.6	340												
EFD12.2A										1050			
EFD12A/3.5										767			
EFD12.4B	800												
EFD12.45	1200												
EFD12.5A	750	720			840		640						
EFD12.7	950				960		810				4000		
EFD12.7A	940												
EFD13	600						500						
EFD13D					1000								
EFD13.3	900	810	980		950								
EFD13.5A	890												
EFD13.5B	750												
EFD13.8	600												

Remark:

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

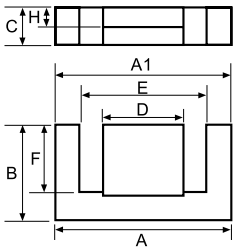
Type : EFD Cores (2)

Ordering Code:

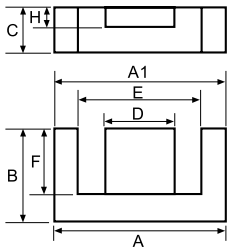
P4	EFD15A	G□
Material	Core Size	Gapped AL Value

Shape:

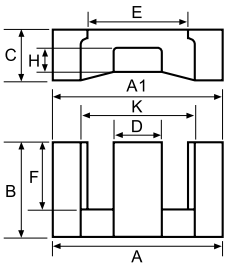
Type:1



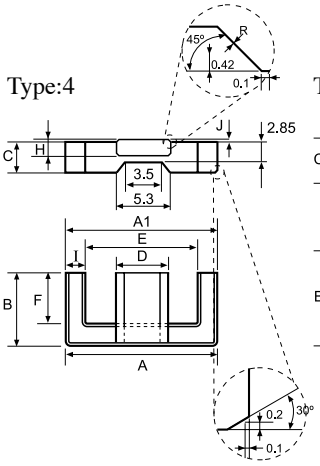
Type:2



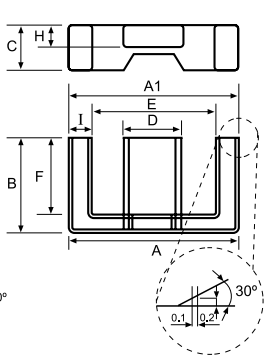
Type:3



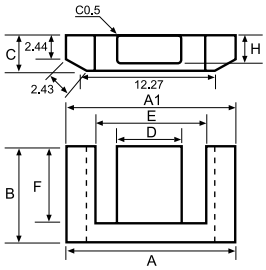
Type:4



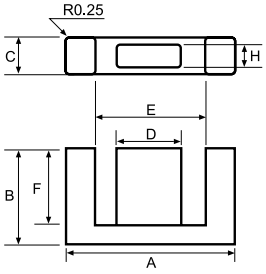
Type:5



Type:6



Type:7



■ DIMENSIONS

CORES	DIMENSIONS (mm)										Type
	A	B	C	D	E	F	H	I	K	A-A1	
EFD14.6	14.60 ± 0.30	7.30 ± 0.15	6.20 ± 0.15	5.30 ± 0.15	11.00 ± 0.35	5.30 ± 0.25	4.24 ± 0.10	–	–	≤ 0.20mm	2
EFD14.7/4.75	14.70 ± 0.30	12.70 ± 0.15	4.75 ± 0.15	6.00 ± 0.15	10.45 ± 0.15	$10.00^{+0.15}_{-0.10}$	3.30 ± 0.10	–	–	0.25max	2
EFD14.8	14.80 ± 0.60	9.00 ± 0.20	6.80 ± 0.20	5.60 ± 0.20	11.10 ± 0.30	6.15 ± 0.10	4.60 ± 0.20	–	–	0.30max	2
EFD14.8B	14.80 ± 0.30	10.00 ± 0.15	4.60 ± 0.10	6.00 ± 0.15	11.05 ± 0.15	$7.80^{+0.13}_{-0.12}$	2.70 ± 0.10	–	–	0.25max	2
EFD15A	15.00 ± 0.40	7.50 ± 0.15	4.65 ± 0.15	5.30 ± 0.15	11.00 ± 0.25	$5.50^{+0.25}_{-0.10}$	2.40 ± 0.10	2.00 ± 0.10	–	≤ 0.15mm	4
EFD15C/4.2	$15.00^{+0.25}_{-0.15}$	$14.45^{+0.15}_{-0.10}$	$4.20^{+0.08}_{-0.07}$	5.80 ± 0.07	10.60 ± 0.15	12.15 ± 0.10	2.90 ± 0.07	–	–	–	2
EFD15D	$15.00^{+0.25}_{-0.15}$	$14.35^{+0.15}_{-0.10}$	$4.00^{+0.08}_{-0.07}$	5.80 ± 0.07	10.60 ± 0.15	12.05 ± 0.10	2.70 ± 0.07	–	–	≤ 0.15mm	2
EFD15E	15.00 ± 0.25	14.95 ± 0.15	4.00 ± 0.10	5.80 ± 0.10	10.60 ± 0.15	12.65 ± 0.15	2.70 ± 0.10	–	–	–	2
EFD15H	15.00 ± 0.40	7.50 ± 0.15	4.50 ± 0.15	5.30 ± 0.15	11.00 ± 0.25	$5.50^{+0.25}_{-0.10}$	2.15 ± 0.10	2.00 ± 0.10	–	≤ 0.25mm	5
EFD15Q	15.00 ± 0.25	4.55 ± 0.15	5.00 ± 0.15	6.50 ± 0.20	10.30 ± 0.30	2.75 ± 0.15	2.60 ± 0.15	–	–	–	7
EFD15.3	15.00 ± 0.30	6.45 ± 0.05	3.70 ± 0.10	7.90 ± 0.10	11.25 ± 0.25	4.73 ± 0.10	1.60 ± 0.10	–	12.05 ± 0.25	≤ 0.20mm	3
EFD15.3A	15.35 ± 0.25	6.55 ± 0.15	3.70 ± 0.15	8.05 ± 0.20	11.70 ± 0.30	4.50 ± 0.15	1.60 ± 0.10	–	12.50 ± 0.30	–	3
EFD16	16.00 ± 0.25	$15.10^{+0.15}_{-0.10}$	4.00 ± 0.15	5.80 ± 0.10	12.00 ± 0.15	12.70 ± 0.10	2.70 ± 0.10	–	–	0.25max	2
EFD16A	16.00 ± 0.30	7.20 ± 0.20	4.80 ± 0.20	6.00 ± 0.25	12.50 ± 0.30	5.10 ± 0.20	2.40 ± 0.20	–	–	–	2
EFD16B	16.00 ± 0.25	15.30 ± 0.20	4.00 ± 0.15	5.50 ± 0.15	10.20min	12.30 ± 0.20	3.00 ± 0.13	–	–	–	6
EFD16.5	16.55 ± 0.25	19.40 ± 0.25	4.45 ± 0.10	5.80 ± 0.20	11.40min	$16.45^{+0.20}_{-0.15}$	2.80 ± 0.10	–	–	≤ 0.20mm	1
EFD16.5/17	16.55 ± 0.25	17.00 ± 0.25	4.45 ± 0.10	5.80 ± 0.20	11.40min	$14.05^{+0.20}_{-0.15}$	2.80 ± 0.10	–	–	–	2
EFD16.5/50	16.55 ± 0.25	25.00 ± 0.15	4.45 ± 0.15	5.80 ± 0.15	11.40min	$22.00^{+0.20}_{-0.15}$	2.80 ± 0.10	–	–	–	1
EFD17.6	17.60 ± 0.30	11.00 ± 0.20	5.60 ± 0.15	7.50 ± 0.15	13.10min	8.60 ± 0.20	3.40 ± 0.10	–	–	≤ 0.25mm	2
EFD18	18.00 ± 0.30	11.20 ± 0.15	2.00 ± 0.10	9.00 ± 0.15	13.20 ± 0.30	7.90 ± 0.15	0.90 ± 0.10	–	–	≤ 0.20mm	2
EFD18.5	18.50 ± 0.50	19.90 ± 0.20	4.05 ± 0.25	7.60 ± 0.20	14.50 ± 0.50	17.80 ± 0.20	2.11 ± 0.15	–	–	≤ 0.30mm	2
EFD18.5/3.7	18.50 ± 0.30	15.30 ± 0.20	3.70 ± 0.25	7.60 ± 0.20	14.50 ± 0.30	13.10 ± 0.20	1.80 ± 0.15	–	–	–	1
EFD19.5	19.50 ± 0.35	21.40 ± 0.20	5.45 ± 0.15	5.80 ± 0.15	13.50min	18.20 ± 0.15	4.00 ± 0.15	–	–	–	2

■ EFFECTIVE PARAMETERS

CORES	EFFECTIVE PARAMETERS				
	$C_1(mm^{-1})$	Le(mm)	$Ae(mm^2)$	$Ve(mm^3)$	Wt(g/set)
EFD14.6	1.53	33.45	21.84	730.50	4.08
EFD14.7/4.75	2.61	52.61	20.16	1060.62	5.50
EFD14.8	1.42	37.89	26.65	1009.77	5.80
EFD14.8B	2.55	43.26	16.91	731.34	4.00
EFD15A	2.35	33.28	14.12	469.90	2.74
EFD15C/4.2	3.73	60.69	16.27	987.24	5.18
EFD15D	3.30	60.19	16.62	1000.36	7.00
EFD15E	3.85	62.68	16.27	1020.15	5.26
EFD15H	2.03	29.88	14.70	439.24	2.75
EFD15Q	1.20	21.21	17.73	376.18	2.36
EFD15.3	2.49	28.58	11.44	326.95	1.90
EFD15.3A	2.25	29.11	12.96	377.27	2.80
EFD16	4.10	64.37	15.70	1010.61	5.18
EFD16A	2.24	33.48	14.97	501.35	3.10
EFD16B	3.57	62.64	17.55	1099.42	5.80
EFD16.5	4.18	78.03	18.67	1456.82	8.00
EFD16.5/17	3.73	69.18	18.53	1281.91	7.34
EFD16.5/50	5.42	100.87	18.62	1878.20	8.00
EFD17.6	2.03	48.36	23.84	1152.90	6.12
EFD18	5.30	45.54	8.59	391.10	2.46
EFD18.5	5.51	85.28	15.46	1318.43	7.14
EFD18.5/3.7	4.77	66.84	14.02	937.08	4.82
EFD19.5	3.37	88.71	26.32	2335.22	13.08

■ ELECTRICAL CHARACTERISTICS

CORES	AL ± 25% (nH/N²)										AL + 40% - 30% (nH/N²)		
	P4	P41	P45	P451	P47	P48	P5	P61	A05	A07	A10(L)	A121(L)	A151(L)
EFD14.6	1000						800				4285		
EFD14.7/4.75	950												
EFD14.8	1400												
EFD14.8B	820												
EFD15A	$780^{+30\%}_{-20\%}$	$760^{+30\%}_{-20\%}$	1000		$900^{+30\%}_{-20\%}$	$780^{+30\%}_{-20\%}$	$630^{+30\%}_{-20\%}$	430	1400	1820	2540min		3810min
EFD15C/4.2	700												
EFD15D	700												
EFD15E	680												
EFD15H	740										2800min	3200min	
EFD15Q					1570								
EFD15.3	850				950		700						
EFD15.3A	800				900								
EFD16	640												
EFD16A	1020												
EFD16B						750							
EFD16.5	678												
EFD16.5/17	700												
EFD16.5/50	590												
EFD17.6	1200												
EFD18	500												
EFD18.5	500												
EFD18.5/3.7	650 (ref)												
EFD19.5	950												

Remark:

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

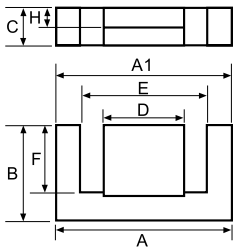
Type : EFD Cores (3)

Ordering Code: P4 — EFD20 — G□

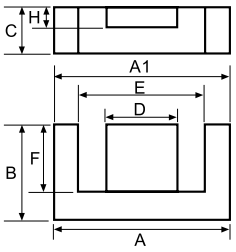
Material | Core Size | Gapped AL Value

Shape:

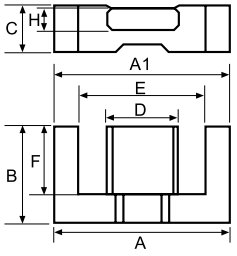
Type:1



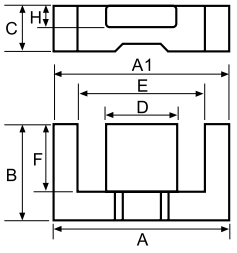
Type:2



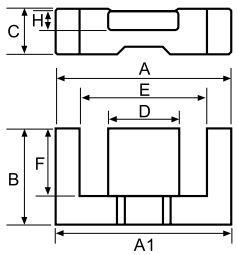
Type:3



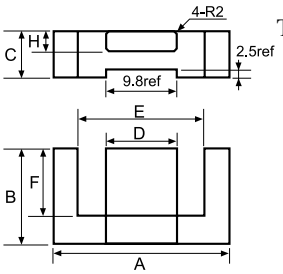
Type:4



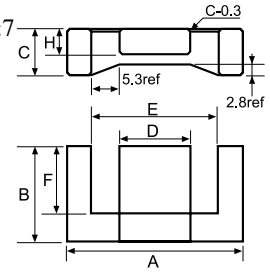
Type:5



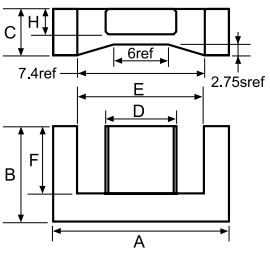
Type:6



Type:7



Type:8



■ DIMENSIONS

CORES	DIMENSIONS (mm)								Type
	A	B	C	D	E	F	H	A-A1	
EFD20	20.00 ± 0.55	10.00 ± 0.15	6.65 ± 0.15	8.90 ± 0.20	15.40 ± 0.50	7.70 ± 0.25	3.60 ± 0.15	≤ 0.25mm	3
EFD20A	20.00 ± 0.55	11.60 ± 0.15	6.00 ± 0.15	8.90 ± 0.20	15.40 $^{+0.20}_{-0.30}$	9.30 $^{+0.25}_{-0.20}$	3.60 ± 0.15	≤ 0.20mm	3
EFD20B	20.00 ± 0.55	11.60 ± 0.15	5.40 ± 0.15	8.90 ± 0.20	15.40 $^{+0.20}_{-0.30}$	9.30 $^{+0.25}_{-0.20}$	3.60 ± 0.15	≤ 0.20mm	3
EFD20D	20.50 ± 0.40	10.00 ± 0.25	6.65 $^{+0.20}_{-0.15}$	8.90 ± 0.20	15.90 ± 0.30	7.70 ± 0.20	3.60 ± 0.15	≤ 0.20mm	3
EFD20E	20.00 ± 0.30	13.30 ± 0.20	5.80 ± 0.12	8.90 ± 0.20	15.40 ± 0.20	11.00 ± 0.20	3.50 ± 0.12	≤ 0.20mm	2
EFD20.3	20.30 ± 0.50	10.20 ± 0.15	6.00 ± 0.15	8.90 ± 0.20	15.70 ± 0.20	7.90 ± 0.20	3.60 ± 0.15	≤ 0.30mm	3
EFD20.6	20.60 ± 0.50	10.20 ± 0.15	6.60 ± 0.15	8.90 ± 0.20	16.70 $^{+0.40}_{-0.20}$	8.00 ± 0.15	3.70 ± 0.15	–	3
EFD20.7	20.70 ± 0.60	12.30 ± 0.20	4.15 ± 0.20	10.20 ± 0.25	15.80 $^{+0.50}_{-0.30}$	9.20 ± 0.20	2.05 ± 0.15	–	2
EFD21.4	21.40 ± 0.30	12.60 ± 0.20	6.00 ± 0.15	9.50 ± 0.15	16.10min	10.00 ± 0.20	3.40 ± 0.10	≤ 0.25mm	2
EFD21.5	21.50 ± 0.40	20.50 ± 0.20	4.65 ± 0.15	8.20 ± 0.15	14.20min	17.55 ± 0.15	2.90 ± 0.10	–	1
EFD22	22.00 ± 0.30	14.50 ± 0.15	7.40 ± 0.15	9.60 ± 0.15	16.00 ± 0.30	11.50 ± 0.15	4.20 ± 0.15	≤ 0.25mm	4
EFD22A	22.00 ± 0.50	16.30 ± 0.40	4.36 ± 0.25	10.00 ± 0.20	16.90 ± 0.50	13.90min	1.91 ± 0.15	0.30max	2
EFD22.5A	22.50 ± 0.60	12.00 ± 0.20	4.00 ± 0.20	11.00 ± 0.25	17.00 ± 0.40	9.35 ± 0.20	1.90 ± 0.15	–	2
EFD23.6	23.60 ± 0.40	14.40 ± 0.20	4.00 ± 0.20	11.00 ± 0.25	17.70min	11.60 ± 0.20	1.90 ± 0.20	–	2
EFD25	25.00 ± 0.65	12.50 ± 0.15	9.10 ± 0.20	11.40 ± 0.20	18.70 ± 0.60	9.30 ± 0.25	5.20 ± 0.15	≤ 0.30mm	3
EFD25A	25.05 ± 0.65	12.60 ± 0.20	12.45 ± 0.25	8.80 ± 0.25	19.20 ± 0.40	9.55 ± 0.25	8.30 ± 0.30	–	2
EFD25B	25.00 ± 0.65	12.50 ± 0.15	9.10 ± 0.20	11.40 ± 0.20	18.70 ± 0.60	9.30 ± 0.25	5.20 ± 0.15	–	3
EFD25F	25.20 ± 0.50	12.90 ± 0.20	9.10 ± 0.20	11.40 ± 0.20	18.50min	9.70 ± 0.20	5.30 ± 0.15	0.30max	5
EFD25.4	25.40 ± 0.70	15.85 ± 0.20	10.50 ± 0.30	9.80 ± 0.30	19.50min	12.35 ± 0.15	6.10 ± 0.20	–	6
EFD26.3	26.30 ± 0.50	12.70 ± 0.20	9.10 ± 0.20	11.30 ± 0.20	20.00min	9.50 ± 0.20	5.15 ± 0.15	–	5
EFD28.7	28.70 ± 0.40	14.90 ± 0.25	2.45 ± 0.10	14.80 ± 0.15	21.50 ± 0.35	11.30 ± 0.20	1.20 ± 0.10	≤ 0.30mm	2
EFD29.7	29.70 ± 0.80	16.80 ± 0.30	12.50 ± 0.40	11.60 ± 0.30	22.20 $^{+0.50}_{-0.30}$	12.30 ± 0.30	8.20 ± 0.20	–	7
EFD30A	30.00 ± 0.50	15.00 ± 0.20	9.10 ± 0.30	14.60 ± 0.30	22.40min	11.20 ± 0.20	4.90 ± 0.25	–	3
EFD30.8	30.80 ± 0.50	15.20 ± 0.25	8.60 ± 0.20	14.60 $^{+0.15}_{-0.30}$	22.20min	11.40 ± 0.20	4.84 ± 0.15	–	8
EFD31	31.00 ± 0.45	18.00 ± 0.25	6.50 ± 0.20	14.00 ± 0.25	21.90 ± 0.40	13.50 ± 0.25	3.90 ± 0.20	–	2
EFD31.2	31.20 ± 0.50	15.25 ± 0.15	9.00 ± 0.20	14.40 ± 0.25	23.20 ± 0.40	11.30 ± 0.15	4.90 ± 0.15	–	3
EFD31.2B	31.20 ± 0.50	15.20 ± 0.20	9.00 ± 0.20	14.60 ± 0.30	23.80min	11.40 ± 0.20	4.90 ± 0.20	–	5
EFD31.4	31.40 ± 0.50	15.00 ± 0.20	9.10 ± 0.20	14.60 ± 0.25	23.40min	11.30 ± 0.20	4.90 ± 0.15	–	3
EFD31.4A	31.40 ± 0.60	15.50 ± 0.30	9.00 ± 0.20	14.60 ± 0.25	24.60min	11.70 ± 0.20	4.90 ± 0.20		5
FFD31.8	31.80 ± 0.50	22.00 ± 0.15	5.10 ± 0.20	15.35 ± 0.40	21.60min	17.00 ± 0.15	3.15 ± 0.15	≤ 0.40mm	2

■ EFFECTIVE PARAMETERS

CORES	EFFECTIVE PARAMETERS				
	$C_1(mm^{-1})$	Le(mm)	$Ae(mm^2)$	$Ve(mm^3)$	Wt(g/set)
EFD20	1.59	45.49	28.50	1296.40	6.88
EFD20A	1.89	51.76	27.27	1411.49	7.66
EFD20B	2.00	51.46	25.64	1319.43	6.94
EFD20D	1.61	45.97	28.42	1306.40	6.90
EFD20E	2.19	58.48	26.65	1558.49	6.88
EFD20.3	1.72	46.02	27.88	1283.06	7.00
EFD20.6	1.78	47.40	26.59	1260.14	6.80
EFD20.7	2.53	52.78	20.84	1099.77	6.28
EFD21.4	1.88	55.76	29.66	1653.84	9.24
EFD21.5	3.16	84.57	26.75	2262.25	12.40
EFD22	1.57	62.52	39.94	2497.05	13.90
EFD22A	3.66	70.97	19.41	1377.87	7.67
EFD22.5A	2.53	54.00	21.30	1150.20	6.14
EFD23.6	3.02	63.32	20.97	1328.00	7.50
EFD25	1.03	55.81	53.92	3009.20	16.12
EFD25A	0.80	59.00	74.00	4370.00	22.40
EFD25B	1.04	55.81	53.92	3009.28	16.12
EFD25F	0.98	56.51	57.63	3257.12	17.64
EFD25.4	1.14	70.32	61.44	4320.46	18.56
EFD26.3	1.05	57.80	54.83	3169.59	16.20
EFD28.7	4.03	65.02	16.10	1046.82	6.06
EFD29.7	0.77	73.74	96.33	7103.37	35.70
EFD30A	0.98	66.02	67.52	4457.67	24.00
EFD30.8	0.98	66.73	68.13	4546.31	23.72
EFD31	1.44	77.23	53.56	4135.91	23.00
EFD31.2	0.99	67.85	68.52	4649.28	24.28
EFD31.2B	1.03	68.23	66.27	4521.52	25.24
EFD31.4	1.07	67.72	63.48	4298.64	25.40
EFD31.4A	1.11	69.62	62.71	4366.06	23.50
EFD31.8	1.91	91.32	47.77	4362.36	23.26

■ ELECTRICAL CHARACTERISTICS

CORES	AL ± 25% (nH/N²)										AL + 40% - 30% (nH/N²)		
	P4	P41	P45	P451	P47	P48	P5	P61	A05	A07	A10(L)	A121(L)	A151(L)
EFD20	1200 $^{+30\%}_{-20\%}$	1200 $^{+30\%}_{-20\%}$	1650		1600	1200 $^{+30\%}_{-20\%}$	1000			2800	5700 ± 30%	4500min	
EFD20A	1085												
EFD20B	1085												
EFD20D	1200	1160	1550		1500		1000			3000			
EFD20E	1200	1100											
EFD20.3	1150												
EFD20.6	1390												
EFD20.7	800												
EFD21.4	1300												
EFD21.5	960												
EFD22	1600	1550											
EFD22A	620												
EFD22.5A						950							
EFD23.6		850											
EFD25	2000 $^{+30\%}_{-20\%}$	1930	2500		2400	2000 $^{+30\%}_{-20\%}$	1600		4400	5480	9000 ± 30%		
EFD25A					3300 $^{+30\%}_{-20\%}$								
EFD25B	2000				2400								
EFD25F	2100												
EFD25.4						2400							
EFD26.3	2480												
EFD28.7	650												
EFD29.7	3000	2850	3700		3640								
EFD30A	2300	2200											
EFD30.8						2700							
EFD31	1800												
EFD31.2	2700												
EFD31.2B	2150												
EFD31.4	2200												
EFD31.4A	2400												
EFD31.8	1500												

Remark:

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

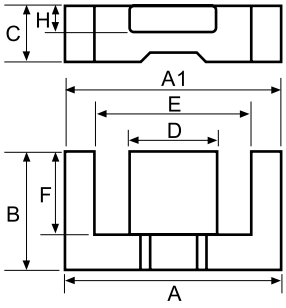
Type : EFD Cores (4)

Ordering Code:

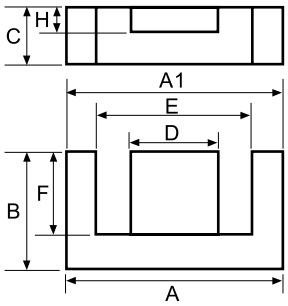
P4	EFD35	G□
Material	Core Size	Gapped AL Value

Shape:

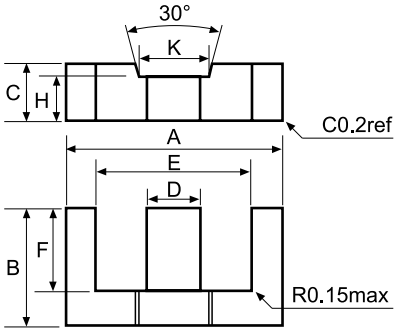
Type:1



Type:2



Type:3



■ DIMENSIONS

CORES	DIMENSIONS (mm)								Type
	A	B	C	D	E	F	H	A-A1	
EFD33.7	33.70 ± 0.50	23.00 ± 0.15	5.00 ± 0.15	17.00 ± 0.20	23.70 ± 0.45	18.00 ± 0.15	3.00 ± 0.10	–	2
EFD34.8	34.80 ± 0.50	22.40 ± 0.20	5.40 ± 0.15	16.50 ± 0.25	24.20min	16.90 ± 0.20	3.00 ± 0.15	0.50max	2
EFD35	35.00 ± 0.50	25.30 ± 0.20	5.70 ± 0.15	15.35 ± 0.25	24.70 ± 0.30	20.00 ± 0.20	3.80 ± 0.15	–	2
EFD35A	35.00 ± 0.50	13.90 ± 0.20	6.30 ± 0.25	18.00 ± 0.40	25.30min	9.50 ± 0.20	3.20 ± 0.20	–	1
EFD35.4	35.40 ± 0.50	25.60 ± 0.20	6.00 ± 0.20	15.30 ± 0.25	25.00min	20.30 ± 0.20	4.20 ± 0.15	–	2
EFD35.4A	35.40 ± 0.50	23.10 ± 0.20	6.00 ± 0.20	15.30 ± 0.25	25.50 ± 0.40	17.80 ± 0.15	4.20 ± 0.15	0.60max	2
EFD35.5	35.50 ± 0.80	17.75 ± 0.20	6.80 ± 0.20	16.20 ± 0.30	26.20 ± 0.60	13.10 ± 0.20	3.90 ± 0.15	–	2
EFD36	36.00 ± 0.50	18.90 ± 0.20	7.40 ± 0.15	17.60 ± 0.20	26.20 ± 0.50	13.80 ± 0.15	4.00 ± 0.15	–	2
EFD36.1	36.10 ± 0.55	17.80 ± 0.20	13.00 ± 0.30	10.00 ± 0.30	25.10min	12.80 ± 0.20	10.00 ± 0.30	–	3
EFD36.25	36.25 ± 0.50	24.00 ± 0.15	10.00 ± 0.20	14.00 ± 0.20	26.00min	19.00 ± 0.20	5.00 ± 0.20	–	2
EFD37.7	37.70 ± 0.50	17.60 ± 0.20	7.60 ± 0.20	18.60 ± 0.25	29.50 ± 0.40	13.10 ± 0.15	3.40 ± 0.15	–	2
EFD37.7A	$37.70^{+0.80}_{-0.50}$	17.60 ± 0.20	7.60 ± 0.20	18.60 ± 0.25	29.60min	13.10 ± 0.15	3.40 ± 0.15	–	2
EFD37.8	37.80 ± 0.50	29.00 ± 0.20	5.50 ± 0.20	13.80 ± 0.20	22.40 ± 0.45	21.60 ± 0.20	4.00 ± 0.15	–	2
EFD40.2	40.20 ± 0.50	24.70 ± 0.20	6.10 ± 0.20	20.00 ± 0.30	29.30 ± 0.60	18.00 ± 0.20	3.00 ± 0.15	–	2
EFD41	41.00 ± 0.80	20.30 ± 0.20	11.80 ± 0.30	16.60 ± 0.40	31.40 ± 0.70	15.50 ± 0.20	6.70 ± 0.25	< 0.60mm	2
EFD42.9	42.90 ± 0.70	24.40 ± 0.15	6.60 ± 0.15	21.60 ± 0.30	27.80min	17.00 ± 0.15	4.40 ± 0.15	–	2
EFD43	43.00 ± 0.60	26.30 ± 0.25	7.55 ± 0.20	21.60 ± 0.30	29.40 ± 0.60	18.80 ± 0.25	4.30 ± 0.20	–	2
EFD43.1	43.10 ± 0.65	22.15 ± 0.20	8.00 ± 0.15	22.30 ± 0.30	$33.10^{+0.65}_{-0.30}$	17.15 ± 0.20	3.50 ± 0.15	–	2
EFD43.4	43.40 ± 0.60	22.10 ± 0.20	8.00 ± 0.30	22.45 ± 0.25	33.50min	17.00 ± 0.20	3.20 ± 0.15	–	2
EFD43.7	43.70 ± 0.70	27.60 ± 0.15	6.20 ± 0.25	20.30 ± 0.30	29.50min	20.60 ± 0.15	4.00 ± 0.15	–	2
EFD43.7A	43.70 ± 0.70	28.50 ± 0.15	6.20 ± 0.25	20.30 ± 0.30	29.50min	21.50 ± 0.20	4.00 ± 0.15	–	2
EFD45	45.00 ± 0.50	27.60 ± 0.15	6.30 ± 0.15	21.60 ± 0.30	30.50 ± 0.50	20.20 ± 0.20	4.40 ± 0.15	–	2
EFD45.2	45.20 ± 0.65	24.70 ± 0.20	5.90 ± 0.15	24.00 ± 0.30	$33.10^{+0.60}_{-0.40}$	18.00 ± 0.20	3.00 ± 0.15	–	2
EFD45.3	45.30 ± 0.70	25.30 ± 0.20	5.90 ± 0.20	23.80 ± 0.20	$33.50^{+0.70}_{-0.30}$	18.50 ± 0.20	2.90 ± 0.20	0.50max	2
EFD47	47.00 ± 0.80	28.10 ± 0.20	8.70 ± 0.20	21.60 ± 0.40	30.60min	20.70 ± 0.20	6.50 ± 0.15	–	2
EFD50	50.00 ± 0.70	28.00 ± 0.30	6.20 ± 0.20	24.00 ± 0.30	34.40min	20.60 ± 0.20	3.20 ± 0.20	–	2
EFD64	64.00 ± 0.80	40.00 ± 0.20	6.60 ± 0.25	30.80 ± 0.40	39.00 ± 0.55	27.50 ± 0.20	$4.40^{+0.10}_{-0.30}$	–	2

■ EFFECTIVE PARAMETERS

CORES	EFFECTIVE PARAMETERS				
	$C_1(mm^{-1})$	Le(mm)	$Ae(mm^2)$	$Ve(mm^3)$	Wt(g/set)
EFD33.7	1.93	96.01	49.78	4779.38	25.06
EFD34.8	1.79	93.92	52.42	4923.98	27.52
EFD35	1.83	106.80	58.26	6222.27	32.64
EFD35A	1.11	61.68	55.32	3412.48	18.74
EFD35.4	1.74	108.31	32.33	6570.89	35.08
EFD35.4A	1.75	108.37	61.76	6692.95	35.08
EFD35.5	1.28	78.47	61.19	4801.89	26.68
EFD36	1.16	81.57	70.26	5730.55	30.00
EFD36.1	0.70	81.02	116.48	9437.08	48.64
EFD36.25	1.27	102.80	80.78	8304.47	50.52
EFD37.7	1.39	79.59	57.29	4559.47	28.16
EFD37.7A	1.32	79.73	60.35	4811.71	27.50
EFD37.8	1.75	113.58	64.75	7354.31	43.80
EFD40.2	1.68	102.78	61.02	6271.50	37.60
EFD41	0.86	95.80	112.00	10729.60	54.62
EFD42.9	1.07	99.53	92.80	9236.38	50.80
EFD43	1.15	107.57	93.91	10102.30	58.66
EFD43.1	1.39	97.83	70.65	6911.83	41.94
EFD43.4	1.35	100.98	74.82	7555.32	40.60
EFD43.7	1.38	115.12	83.66	9630.94	53.04
EFD43.7A	1.49	119.23	80.04	9543.03	50.68
EFD45	1.23	114.05	92.97	10603.80	56.28
EFD45.2	1.56	104.87	67.15	7042.38	41.66
EFD45.3	1.55	107.36	69.30	7440.36	42.94
EFD47	0.84	116.84	138.72	16208.60	86.40
EFD50	1.40	118.04	83.89	9902.38	54.60
EFD64	1.10	157.65	143.80	22669.90	130.60

■ ELECTRICAL CHARACTERISTICS

CORES	AL ± 25% (nH/N^2)										AL + 40% - 30% (nH/N^2)		
	P4	P41	P45	P451	P47	P48	P5	P61	A05	A07	A10(L)	A121(L)	A151(L)
EFD33.7	1300		1570		1530								
EFD34.8					1800								
EFD35	1600												
EFD35A		2300											
EFD35.4	1500												
EFD35.4A	1672												
EFD35.5						2100							
EFD36	1900												
EFD36.1	3400												
EFD36.25	2100												
EFD37.7					2280								
EFD37.7A						1900							
EFD37.8	1800												
EFD40.2	1650												
EFD41			3900										
EFD42.9	2450												
EFD43	2300												
EFD43.1					2300								
EFD43.4						1800							
EFD43.7	1700												
EFD43.7A					1950								
EFD45	2000												
EFD45.2					1500								
EFD45.3					1800								
EFD47	3400												
EFD50		1800											
EFD64	2950												

Remark:

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