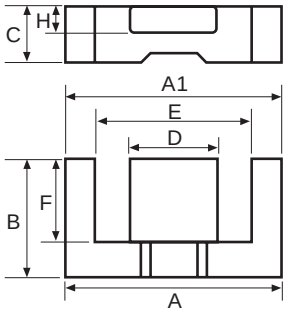
Type : EFD Cores (1)

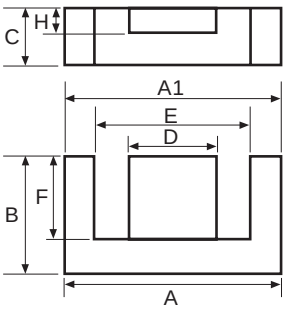
Ordering Code:

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

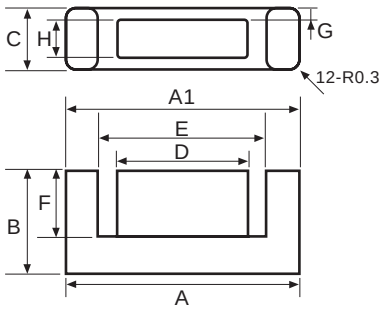
Shape: Type:1



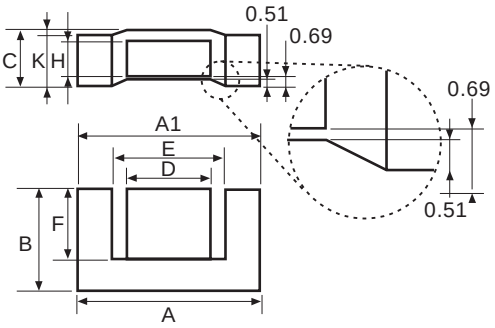
Type:2



Type:3



Type:4



DIMENSIONS

CORES	DIMENSIONS (mm)										
	A	B	C	D	E	F	G	H	K	A-A1	TYPE
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
EFD6.5	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	–	–	1
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
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
EFD9.8	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
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	12.50 ± 0.30	6.20 ± 0.10	3.50 ± 0.10	5.40 ± 0.15	9.00 ± 0.25	4.55 ± 0.15	–	2.00 ± 0.10	–	≤ 0.20mm	1
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
EFD12.7	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	–	≤ 0.15mm	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
EFD13.5A	$13.50^{+0.25}_{-0.15}$	$11.00^{+0.15}_{-0.10}$	4.50 ± 0.10	5.30 ± 0.10	9.80 min	8.55 ± 0.10	–	3.00 ± 0.10	–	0.20max	2
EFD13.5B	$13.50^{+0.25}_{-0.15}$	$11.55^{+0.15}_{-0.10}$	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
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
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	–	≤ 0.15mm	1
EFD15C/4.2	$15.00^{+0.25}_{-0.15}$	$14.45^{+0.15}_{-0.10}$	$14.20^{+0.08}_{-0.07}$	5.80 ± 0.07	10.60 ± 0.15	12.15 ± 0.10	–	2.90 ± 0.07	–	–	2
EFD15D	$15.00^{+0.25}_{-0.15}$	$14.35^{+0.15}_{-0.10}$	$14.00^{+0.08}_{-0.07}$	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

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
EFD6.5	4.25	16.77	3.95	66.24	0.73
EFD6.5-1	4.26	16.82	3.95	66.44	0.39
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
EFD9.8	6.54	39.64	6.06	240.22	1.30
EFD11.7/13.6	7.57	56.28	7.43	418.16	2.10
EFD12	2.59	27.42	10.55	289.20	1.62
EFD12.45	1.66	25.60	15.40	394.20	2.10
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
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
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
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	60.29	18.26	1101.19	7.00
EFD15E	3.85	62.68	16.27	1020.15	5.26

ELECTRICAL CHARACTERISTICS

CORES	AL ± 25% (nH/N^2)				AL + 30% – 25% (nH/N^2)		AL + 40% – 30% (nH/N^2)		
	P4	P41	P46	P5	A05	A07	A10(L)	A121(L)	A151(L)
EFD6.2		345							
EFD6.5	400								
EFD6.5-1	380	370							
EFD8.0		355	380						
EFD9.2A	440								
EFD9.5	460								
EFD9.8	300								
EFD11.7/13.6	340								
EFD12	850	820		700					
EFD12.45	1200								
EFD12.7	950			810			4000		
EFD12.7A	940								
EFD13	600			500					
EFD13.5A	890								
EFD13.5B	750								
EFD13.8	600								
EFD14.6	1000			800			4285		
EFD14.7/4.75	950								
EFD14.8	1400								
EFD15A	780 + 30% - 20%	760 + 30% - 20%	1060	630 + 30% - 20%			2540min		
EFD15C/4.2	700								
EFD15D	700								
EFD15E	680								

Remark:

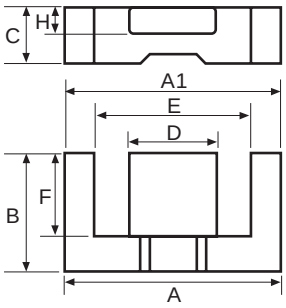
1. AL Value Testing Condition : 10kHz, 50mV, 100Ts. If testing condition is different from ACME's, please specify upon request & ordering.
2. Gapped core is available, please specify upon request & ordering. ACME's standard gapped core set is a combination of one gapped core and one ungapped core. If 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.

Type : EFD Cores (2)

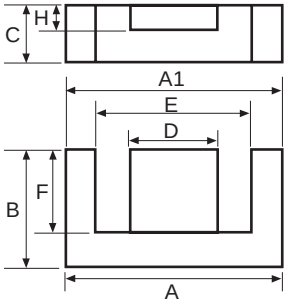
Ordering Code:

P4	EFD20	G□
Material 材質	Core Size 品名	Gapped AL Value

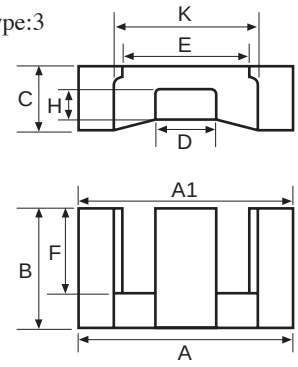
Shape: Type:1



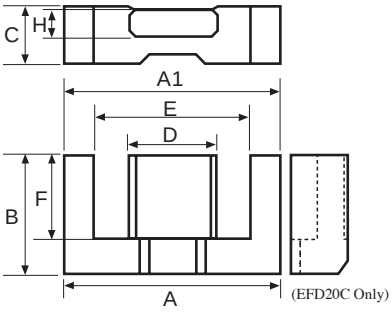
Type:2



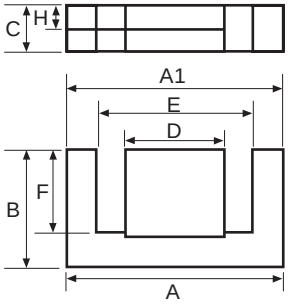
Type:3



Type:4



Type:5



DIMENSIONS

CORES	DIMENSIONS (mm)								
	A	B	C	D	E	F	H	A-A1	TYPE
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	≤ 0.20mm	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
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	5
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
EFD17.7A	17.70 ± 0.30	10.10 ± 0.15	5.60 ± 0.12	7.50 ± 0.15	13.50 ± 0.25	7.80 ± 0.15	3.40 ± 0.10	≤ 0.20mm	2
EFD18	18.00 ± 0.30	11.20 ± 0.15	2.00 ± 0.10	9.00 ± 0.15	13.20 ± 0.15	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
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	4
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	4
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	4
EFD20B/30	20.00 ± 0.55	15.00 ± 0.15	5.40 ± 0.15	8.90 ± 0.20	15.40 $^{+0.20}_{-0.30}$	12.70 $^{+0.25}_{-0.20}$	3.60 ± 0.15	≤ 0.20mm	4
EFD20C	20.00 ± 0.30	11.50 ± 0.15	5.60 ± 0.10	8.90 ± 0.20	15.40 ± 0.50	9.30 ± 0.15	3.60 ± 0.15	≤ 0.20mm	4
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	4
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
EFD21.4	21.40 ± 0.35	12.60 ± 0.20	6.00 ± 0.20	9.50 ± 0.20	16.10min	10.00 ± 0.20	3.40 ± 0.10	≤ 0.25mm	2
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	1
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	4
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
EFD31.8	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
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

EFFECTIVE PARAMETERS

CORES	EFFECTIVE PARAMETERS				
	$C_1(mm^{-1})$	Le(mm)	$Ae(mm^2)$	$Ve(mm^3)$	Wt(g/set)
EFD15.3	2.49	28.58	11.44	326.95	1.90
EFD16	4.10	64.37	15.70	1010.61	5.18
EFD16.5	4.18	78.03	18.67	1456.82	8.00
EFD17.6	2.03	48.36	23.84	1152.90	6.12
EFD17.7A	1.94	45.10	23.29	1050.61	5.72
EFD18	5.30	45.54	8.59	391.10	2.46
EFD18.5	5.51	85.28	15.46	1318.43	7.14
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
EFD20B/30	2.49	64.80	25.99	1684.15	8.92
EFD20C	1.98	51.22	25.84	1323.52	7.00
EFD20D	1.61	45.97	28.42	1306.40	6.90
EFD20E	2.19	58.48	26.65	1558.49	6.88
EFD21.4	1.88	55.76	29.66	1653.84	9.24
EFD22	1.57	62.52	39.94	2497.05	13.90
EFD25	1.03	55.81	53.92	3009.20	16.12
EFD28.7	4.03	65.02	16.10	1046.82	6.06
EFD31.8	1.91	91.32	47.77	4362.36	23.26
EFD42.9	1.07	99.53	92.80	9236.38	50.80

ELECTRICAL CHARACTERISTICS

CORES	AL ± 25% (nH/N^2)				AL + 30% – 25% (nH/N^2)		AL + 40% – 30% (nH/N^2)		
	P4	P41	P46	P5	A05	A07	A10(L)	A121(L)	A151(L)
EFD15.3	850			700					
EFD16	640								
EFD16.5	678								
EFD17.6	1400								
EFD17.7A	1140								
EFD18	500								
EFD18.5	500								
EFD20	1200 + 30% - 20%	1200 + 30% - 20%	1715	1000			5700 ± 30%	4500min	
EFD20A	1085								
EFD20B	1085								
EFD20B/30	950		1190		1640 ± 25%				
EFD20C	1085		1420						
EFD20D	1200			1000					
EFD20E	1200								
EFD21.4	1300								
EFD22	1600								
EFD25	2000 + 30% - 20%	1930	2780	1600	4400 ± 25%		9000 ± 30%		
EFD28.7	650								
EFD31.8	1500	1600							
EFD42.9	2450								

Remark:

1. AL Value Testing Condition : 10kHz, 50mV, 100Ts. 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.