Type : EFD Cores

Ordering Code:

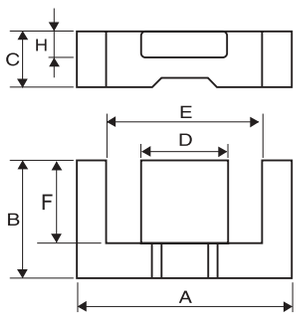
P4 — Material 材質

EFD20 — Core Size 品名

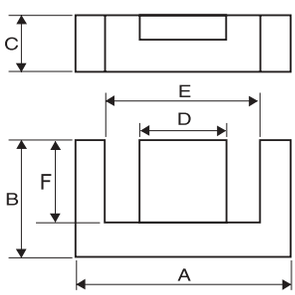
G□ — Gapped AL Value

Shape:

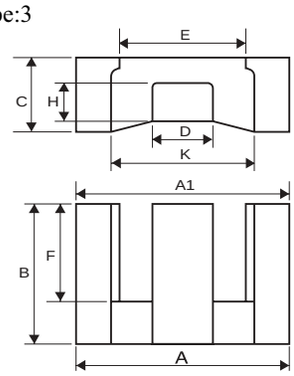
Type:1



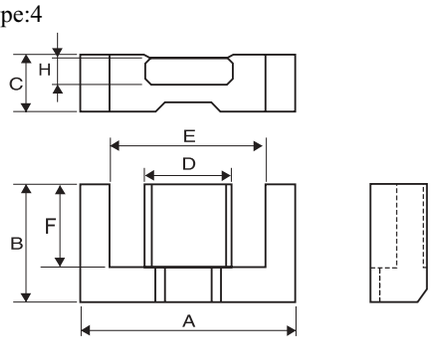
Type:2



Type:3



Type:4



(EFD20C Only)

DIMENSIONS

CORES	DIMENSIONS (mm)								
	A	B	C	D	E	F	H	A-A1	TYPE
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
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
EFD11.7x13.6	11.75 ± 0.15	13.60 ± 0.15	2.375 ± 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
EFD12.7	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 ± 0.15	8.90 ± 0.20	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
EFD13.8	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
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
EFD15D	15.00 $^{+0.25}$	14.35 $^{+0.15}_{-0.10}$	4.00 ± 0.075	5.80 ± 0.07	10.60 ± 0.15	12.05 ± 0.10	2.70 ± 0.07	≤ 0.15mm	2
EFD15.3	15.00 ± 0.30	6.45 ± 0.05	3.70 ± 0.10	7.90 ± 0.10	11.25 ± 0.25	4.725 ± 0.10	1.60 ± 0.10	≤ 0.20mm	3
EFD16.5	16.55 ± 0.25	19.40 ± 0.25	4.45 ± 0.10	5.80 ± 0.20	11.4min	16.45 $^{+0.20}_{-0.15}$	2.80 ± 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
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
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	11.3± 0.20	1.20 ± 0.10	≤ 0.30mm	2

EFFECTIVE PARAMETERS

CORES	EFFECTIVE PARAMETERS				
	$C_1(mm^{-1})$	Le(mm)	$Ae(mm^2)$	$Ve(mm^3)$	Wt(g/set)
EFD6.5	4.25	16.77	3.95	66.24	0.73
EFD9.5	4.06	20.10	4.80	97.50	0.56
EFD11.7x13.6	7.57	56.28	7.43	418.16	2.10
EFD12	2.59	27.42	10.55	289.20	1.62
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
EFD13.8	3.75	36.98	9.84	363.80	2.04
EFD14.6	1.53	33.45	21.84	730.50	4.08
EFD15A	2.35	33.28	14.12	469.90	2.74
EFD15D	3.30	60.29	18.26	1101.19	7.00
EFD15.3	2.49	28.58	11.44	326.95	1.90
EFD16.5	4.18	78.03	18.67	1456.82	8.00
EFD18	5.30	45.54	8.59	391.10	2.46
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
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

ELECTRICAL CHARACTERISTICS

CORES	**AL** ± 25% (nH/N^2)				**AL** + 30% – 25% (nH/N^2)		**AL** + 40% – 30% (nH/N^2)	
	P4	**P41**	**P5**	**N4**	**A05**	**A07**	**A10(L)**	**A121**
EFD6.5	400							
EFD9.5	460							
EFD11.7x13.6	340							
EFD12	850		700					
EFD12.7	950		810				4000	
EFD12.7A	1060							
EFD13	600							
EFD13.8	600							
EFD14.6	1000		800				4285	
EFD15A	780 + 30% - 20%		630 + 30% -20%				2540min	
EFD15D	700							
EFD15.3	850		700					
EFD16.5	678							
EFD18	500							
EFD20	1200 + 30% - 20%		1000				5700 ± 30%	4500min
EFD20A	1085							
EFD20B	1085							
EFD20B/30	950							
EFD20C	1085							
EFD20D	1200		1000					
EFD20E	1200							
EFD22	1000							
EFD25	2000 + 30% - 20%		1600		4400 ± 25%			
EFD28.7	650							

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.