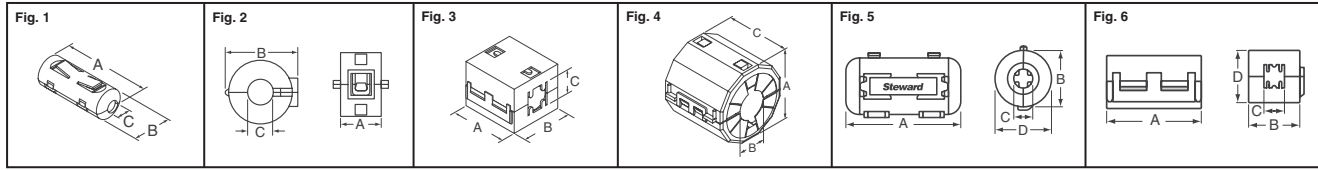


Clamp-On, Split Ferrite Cores in Plastic Cases for Round Cables and Wire Bundles



Split ferrite bead cores in clamp-on (or snap-on) plastic cases can be easily used for EMI attenuation where one-piece cores cannot be installed. Clamp-on cores are also convenient for use during EMI testing. Cylinder, round and box shaped plastic cased part shapes available. Additional wire turns will multiply impedance. High performance material.



Broad Band Plastic Clamp-On Cores Optimized for 30MHz ~ 800MHz +

Fig.	Case Color	Plastic Case Dimensions - mm			Max. Cable Diameter - mm	Typical Impedance (Ω)		Digi-Key Part No.	Price Each				Steward Part No.	
		A	B	C		100MHz	300MHz		1	10	50	100		
Cylinder Clamp-On Ferrite														
1	Black	25.20	13.00	3.50	3.50	240	400	240-2233-ND	1.54	1.28	1.10	.99	28A0350-0B2	
	White	29.08	12.80	5.44	4.65	170	320	240-2068-ND	1.05	.88	.76	.69	28A0392-0A0	
	Black	29.08	12.80	5.44	4.65	170	320	240-2070-ND	1.05	.88	.76	.69	28A0392-0A2	
	Black	42.55	14.30	5.35	5.10	277	449	240-2344-ND	1.31	1.09	.94	.85	28A0434-0A2	
	Black	53.39	18.75	4.80	4.50	572	688	240-2245-ND	1.98	1.64	1.41	1.27	28A0592-0A2	
	Black	53.39	18.75	6.60	6.55	407	575	240-2246-ND	2.02	1.68	1.45	1.30	28A0593-0A2	
	White	40.36	19.10	9.09	8.95	240	390	240-2065-ND	1.46	1.22	1.05	.94	28A0640-0A0	
	Black	40.36	19.10	9.09	8.95	240	390	240-2066-ND	1.46	1.22	1.05	.94	28A0640-0A2	
	Black	55.91	24.82	10.00	10.00	348	514	240-2580-ND	4.13	3.42	2.95	2.66	28A0807-0A2	
	Black	41.68	21.03	7.00	6.35	270	460	240-2122-ND	1.53	1.27	1.10	.99	28A2026-0A2	
	Black	35.10	18.00	9.00	9.00	220	360	240-2124-ND	1.30	1.08	.93	.84	28A2736-0A2	
	Black	33.70	30.00	13.00	12.85	260	410	240-2127-ND	6.82	5.65	4.88	4.39	28A3851-0A2	
	Round Clamp-On Ferrite													
	2	Black	18.00	15.00†	7.00	7.00	123	246	240-2599-ND	.55	.46	.40	.36	28A1507-0A2
Black		25.50	13.00†	5.00	2.50	190	330	240-2600-ND	.52	.43	.37	.33	28A2005-0A2	
Black		30.50	16.50†	7.00	7.00	183	315	240-2601-ND	1.07	.88	.76	.69	28A2307-0A2	
Black		19.90	19.20	8.20	8.13	160	300	240-2123-ND	2.09	1.74	1.50	1.35	28A2432-0A2	
White		35.10	19.70†	9.00	8.00	233	366	240-2602-ND	.99	.82	.71	.64	28A2738-0A0	
Black		35.10	19.70†	9.00	8.00	233	366	240-2603-ND	.99	.82	.71	.64	28A2738-0A2	
Black		28.00	16.00†	9.00	9.00	220	360	240-2604-ND	1.18	.98	.85	.76	28A2809-0A2	
Black		36.25	23.50†	13.06	13.00	177	305	240-2605-ND	1.41	1.18	1.01	.91	28A2913-0A2	
Black		13.60	24.55	10.20	10.19	130	250	240-2125-ND	2.20	1.83	1.58	1.42	28A3039-0A2	
Black		15.40	28.80	13.60	13.55	120	230	240-2128-ND	2.52	2.10	1.81	1.63	28A4155-0A2	
Box Clamp-On Ferrite														
3		White	32.50	29.00	13.00	12.70	280	440	240-2072-ND	3.28	2.72	2.35	2.11	28A2024-0A0
		Black	32.50	29.00	13.00	12.70	280	440	240-2073-ND	3.28	2.72	2.35	2.11	28A2024-0A2
		White	32.03	17.58	7.26	6.35	320	510	240-2074-ND	1.44	1.19	1.03	.93	28A2025-0A0
	Black	32.03	17.58	7.26	6.35	320	510	240-2075-ND	1.44	1.19	1.03	.93	28A2025-0A2	
	White	32.84	21.77	10.00	9.91	250	420	240-2076-ND	1.87	1.56	1.34	1.21	28A2029-0A0	
	Black	32.84	21.77	10.00	9.91	250	420	240-2077-ND	1.87	1.56	1.34	1.21	28A2029-0A2	
	Black	42.00	29.20	19.30	18.80	210	360	240-2121-ND	8.02	6.66	5.74	5.17	28A5776-0A2	
	Large Round Clamp-On													
4	Black	56.64	19.50	45.00	25.40	425	533	240-2199-ND	11.08	9.18	7.91	7.12	28A5131-0A2	

† Dimension does not include hinge

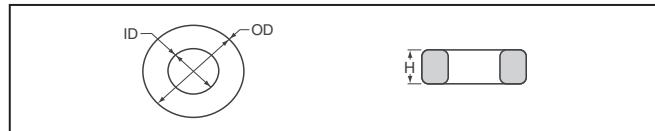
§ 240-2224-ND Split Clamp-On Broad Band EMI Ferrite Cores Small Sample Kit for Round Cables (one each of parts denoted) \$33.66
 ‡ 240-2506-ND Split Clamp-On Broad Band EMI Ferrite Cores Large Sample Kit for Round Cables (1-12 each of parts denoted) \$67.33

High Frequency (300MHz ~ 2GHz) Clamp-On Ferrite Cores

Fig.	Case Color	Plastic Case Dimensions - mm				Max. Cable Diameter - mm	Net Impedance (Ω)		Digi-Key Part No.	Price Each				Steward Part No.
		A	B	C	D		500MHz	800MHz		1	10	50	100	
Cylinder Clamp-On Ferrite														
5	Black	25.20	13.00	3.50	11.50	3.51	192	240-2606-ND	.86	.72	.62	.56	HFA100035-0A2	
	Black	29.30	12.80	5.30	12.40	4.65	152	240-2129-ND	1.25	1.04	.90	.81	HFA100049-0A2	
	Black	41.68	21.03	8.13	21.03	6.35	340	240-2132-ND	2.95	2.45	2.12	1.91	HFA150068-0A2	
	Black	40.36	19.10	9.09	20.80	8.95	260	240-2130-ND	2.72	2.25	1.94	1.75	HFA163090-0A2	
Box Clamp-On Ferrite														
6	Black	32.50	17.88	7.00	18.39	6.35	350	240-2131-ND	2.98	2.47	2.13	1.92	HFA150066-0A2	
	Black	32.64	21.77	10.00	21.84	9.91	290	240-2133-ND	4.04	3.35	2.89	2.60	HFA187102-0A2	
	Black	32.51	29.01	13.00	29.60	12.70	315	240-2134-ND	7.45	6.18	5.33	4.80	HFA259131-0A2	

Ferrite Toroid Cores for Chokes and Transformers

Epcos Ferrite Toroid Cores are used primarily as EMC chokes for suppressing RF interference in the MHz region and in signal.



Dimensions - mm		Relative Initial Permeability (μi)	AL Value (nH)	Digi-Key Part No.	Pricing			Epcos Part No.	
OD	ID				1	10	100		
6.3	3.8	2.5	10,000	2,530	495-3873-ND	.33	2.45	18.99	B64290P0037X038
6.3	3.8	2.5	4,300	1,090	495-3874-ND	.30	2.24	17.42	B64290P0037X830
10.0	6.0	4.0	10,000	4,090	495-3847-ND	.48	3.65	28.36	B64290L0038X038
10.0	6.0	4.0	4,300	1,760	495-3848-ND	.35	2.57	20.01	B64290L0038X830
10.0	6.0	4.0	2,200	900	495-3849-ND	.29	2.21	17.23	B64290L0038X087
12.5	7.5	5.0	10,000	5,110	495-3851-ND	.59	4.43	34.45	B64290L0044X038
12.5	7.5	5.0	4,300	2,200	495-3852-ND	.50	3.78	29.38	B64290L0044X830
16.0	9.6	6.3	10,000	6,440	495-3854-ND	.92	6.87	53.46	B64290L0045X038
16.0	9.6	6.3	4,300	2,770	495-3855-ND	.81	6.03	46.86	B64290L0045X830
16.0	9.6	6.3	2,200	1,420	495-3856-ND	.76	5.77	44.83	B64290L0045X087
20.0	10.0	7.0	5,100	5,000	495-3863-ND	1.26	9.41	73.19	B64290L0632X035
20.0	10.0	7.0	4,300	4,160	495-3864-ND	1.26	9.41	73.19	B64290L0632X830
22.1	13.7	6.35	2,200	1,340	495-3865-ND	1.01	7.55	58.73	B64290L0638X087

Dimensions - mm			Relative Initial Permeability (μi)	AL Value (nH)	Digi-Key Part No.	Pricing			Epcos Part No.
OD	ID	H				1	10	100	
25.3	14.8	10.0	10,000	10,700	495-3861-ND	1.73	12.93	100.52	B64290L0618X038
25.3	14.8	10.0	4,300	4,620	495-3862-ND	1.65	12.41	96.51	B64290L0618X830
34.0	20.5	12.5	4,300	5,460	495-3857-ND	4.70	35.27	274.35	B64290L0048X830
34.0	20.5	10.0	4,300	4,360	495-3858-ND	4.61	34.62	269.22	B64290L0058X830
36.0	23.0	15.0	10,000	13,500	495-3868-ND	6.78	50.88	395.68	B64290L0674X038
36.0	23.0	15.0	4,300	5,750	495-3869-ND	5.49	41.16	320.17	B64290L0674X830
38.1	19.05	12.7	10,000	17,600	495-3867-ND	7.15	53.62	417.03	B64290L0668X038
40.0	24.0	16.0	4,300	7,000	495-3866-ND	6.31	47.29	367.78	B64290L0659X830
41.8	26.2	12.5	4,300	5,000	495-3846-ND	6.03	45.23	351.81	B64290L0022X830
50.0	30.0	20.0	4,300	8,700	495-3871-ND	9.91	74.35	578.27	B64290L0082X830
50.0	30.0	20.0	2,200	4,460	495-3872-ND	10.81	81.09	630.69	B64290L0082X087
58.3	40.8	17.6	4,300	5,400	495-3850-ND	12.95	97.09	755.17	B64290L0040X830
102	65.8	15.0	4,200	5,500	495-3845-ND	40.82	306.14	2381.10	B64290L0084X830

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