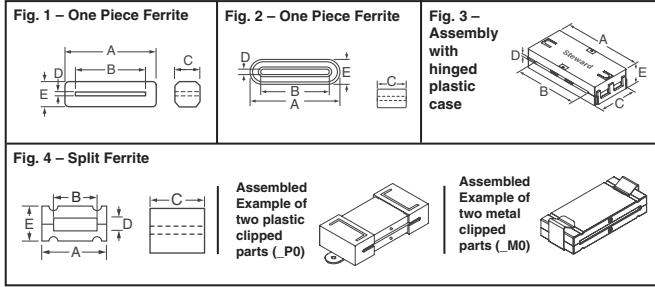




Broad Band (30 MHz ~ 900 MHz Optimized) Ribbon and Flex Cable Ferrite Cores for EMI

One Piece Ferrite EMI Cores for Flat Cables: Cable must be inserted into the ferrite cores before cable ends are connected for figures 1 and 2. Parts made from high performance material.
Split Ribbon Cable Core Assemblies with Hinged Plastic Cases: Conveniently contain both ferrite core halves within the same fully assembled, hinged black plastic case. Order one part for each assembly.
Split Ribbon Cable Cores with Plastic End Clips: Easy to use where assembled cable connectors prevent the use of one piece ferrite cores. White end clips provide secure closure of ferrite parts onto the flat cable. Tabs with screw holes for mounting the assembly included. Order two parts for each assembly.
Split Ribbon Cable Cores with Metal Clips: Split ferrite cores for flat ribbon cables clamp together with small metal clips that provide secure closure. Order two parts for each assembly.



E

Fig.	Dimensions - mm					Typical Impedance (Ω)		Digi-Key Part No.	Pricing			Steward Part No.			
	A	B	C	D	E	@ 100 MHz	@ 300 MHz		1	2	10		50	100	
Rectangular Shaped One Piece Ferrite EMI Cores for Flat Cables															
1	8.00	6.00	12.00	0.70	2.70	102	250	240-2320-ND	.12	—	1.04	4.46	8.03	28R0315-200	
	11.50	8.00	12.00	0.70	3.00	153	335	240-2155-ND	.14	—	1.20	5.16	9.29	28R0453-200	
	12.20	8.00	18.00	1.00	5.50	190	320	240-2156-ND	.25	—	2.04	8.80	15.84	28R0480-000	
	15.01	10.00	22.86	1.50	7.49	227	370	240-2229-ND	.41	—	3.36	14.48	26.06	28R0592-010	
	17.00	13.00	12.00	0.75	3.50	110	270	240-2157-ND	.18	—	1.48	6.40	11.52	28R0669-000	
	22.35	14.00	19.05	1.50	7.75	187	356	240-2082-ND	.51	—	4.22	18.20	32.76	28R0880-200	
	22.80	18.70	16.00	0.70	2.80	127	280	240-2161-ND	.21	—	1.75	7.53	13.55	28R0898-000	
	28.00	23.00	20.00	0.80	5.80	192	380	240-2162-ND	.50	—	4.16	17.91	32.24	28R1102-100	
	28.00	23.00	27.00	1.10	6.10	230	480	240-2325-ND	.65	—	5.39	23.24	41.83	28R1103-000	
	31.12	24.77	13.30	1.91	8.26	128	300	240-2327-ND	.49	—	4.07	17.53	31.55	28R1227-100	
	31.40	23.00	19.00	1.50	7.75	162	370	240-2328-ND	.66	—	5.45	23.51	42.32	28R1236-000	
	38.10	26.67	25.40	1.91	12.07	230	520	240-2084-ND	1.58	—	13.10	56.45	101.61	28R1517-000	
	45.08	34.42	28.58	1.52	12.45	260	530	240-2086-ND	2.17	—	17.99	77.53	139.55	28R1775-000	
	63.50	52.07	28.58	1.68	12.70	298	588	240-2088-ND	3.03	—	25.11	108.25	194.85	28R1779-000	
	63.50	52.07	12.98	1.68	12.70	170	375	240-2335-ND	1.42	—	11.78	50.79	91.42	28R1779-100	
	45.72	35.05	27.94	1.52	12.70	260	555	240-2336-ND	2.20	—	18.25	78.65	141.57	28R1800-010	
	55.12	43.69	25.40	1.27	12.70	280	550	240-2090-ND	2.42	—	20.09	86.59	155.86	28R2170-000	
	55.12	43.69	12.70	1.27	12.70	170	370	240-2092-ND	1.25	—	10.38	44.73	80.51	28R2170-100	
	79.98	68.58	12.70	1.91	11.99	135	318	240-2094-ND	1.59	—	13.21	56.95	102.51	28R3149-000	
	Oval Shaped One Piece Ferrite EMI Cores for Flat Cables														
2	15.50	13.50	10.00	1.40	3.40	80	216	240-2322-ND	.14	—	1.17	5.03	9.05	28R0610-000	
	19.20	15.00	10.00	1.15	5.35	107	258	240-2323-ND	.21	—	1.73	7.48	13.46	28R0756-000	
	19.20	15.00	16.00	1.15	5.35	140	308	240-2159-ND	.28	—	2.30	9.93	17.87	28R0756-200	
	25.00	18.00	24.00	0.90	7.70	220	430	240-2160-ND	.66	—	5.46	23.54	42.37	28R0984-000	
	25.00	18.00	16.00	0.90	7.70	170	370	240-2324-ND	.47	—	3.90	16.83	30.29	28R0984-200	
	28.58	23.50	31.00	1.70	7.70	220	430	240-2230-ND	.86	—	7.13	30.73	55.31	28R1127-000	
	28.58	23.50	17.00	1.70	7.70	150	330	240-2231-ND	.51	—	4.26	18.36	33.05	28R1127-400	
	28.58	23.50	9.70	1.70	7.70	110	265	240-2326-ND	.33	—	2.70	11.64	20.95	28R1127-500	
	37.00	27.00	18.25	1.50	8.00	168	380	240-2163-ND	.72	—	6.00	25.85	46.53	28R1141-010	
	32.00	25.10	35.00	0.90	7.75	350	700	240-2330-ND	1.16	—	9.61	41.44	74.59	28R1261-100	
	32.00	25.10	9.70	0.90	7.75	135	310	240-2331-ND	.39	—	3.21	13.85	24.93	28R1261-200	
	34.00	28.00	25.00	1.00	7.00	220	449	240-2332-ND	.82	—	6.81	29.36	52.85	28R1340-200	
	36.83	29.58	10.00	0.75	7.75	130	290	240-2164-ND	.45	—	3.71	16.01	28.82	28R1450-100	
	37.01	33.00	13.46	0.51	4.50	140	310	240-2333-ND	.39	—	3.19	13.75	24.75	28R1457-400	
	42.00	37.50	5.00	0.70	5.00	84	200	240-2334-ND	.22	—	1.81	7.79	14.02	28R1654-010	
	49.61	44.00	12.00	1.45	7.62	127	300	240-2165-ND	.60	—	5.01	21.59	38.86	28R1953-000	
	Split Ribbon Cable Core Assemblies with Hinged Plastic Cases														
	3	67.08	53.75	27.53	1.91	16.66	236	480	240-2341-ND	2.75	—	22.79	98.25	176.85	28S2001-2A2
	Split Ribbon Cable Cores with Plastic End Clips*														
	4	63.50	52.07	28.58	.84	6.35	280	590	240-2097-ND	—	3.26	13.49	58.13	104.63	28S2001-0P0
76.20		65.28	28.58	.84	6.35	280	600	240-2099-ND	—	3.38	14.00	60.34	108.61	28S2011-0P0	
45.09		34.42	28.58	.84	6.35	250	550	240-2103-ND	—	2.39	9.90	42.66	76.79	28S2022-0P0	
Split Ribbon Cable Cores with Metal End Clips (1 Set = 2 Filters and 2 Clips)*															
4	63.50	52.07	28.58	.84	6.35	280	590	240-2096-ND	—	3.26	13.49	58.13	104.63	28S2001-0M0	
	76.20	65.28	28.58	.84	6.35	280	600	240-2098-ND	—	3.38	14.00	60.34	108.61	28S2011-0M0	
	88.90	78.23	28.58	.84	6.35	240	630	240-2100-ND	—	4.52	18.74	80.79	145.42	28S2012-0M0	
	45.09	34.42	28.58	.84	6.35	250	550	240-2102-ND	—	2.39	9.90	42.66	76.79	28S2022-0M0	
	38.10	26.67	25.40	.84	6.35	250	520	240-2104-ND	—	2.06	8.55	36.84	66.31	28S2023-0M0	
Extra Accessories															
—	Extra Plastic End Clip with Mounting Hole for a Split Ribbon Cable Core.....							240-2345-ND	.13	—	1.04	4.49	8.08	ASSE001-2	
—	Extra Metal End Clip for Split Ribbon Cable Core.....							240-2346-ND	.14	—	1.17	5.06	9.11	ASSE017-2	

* Note: Split ribbon cable cores require two ferrite pieces per one complete assembly (except split cores in fully assembled hinged plastic cases).

240-2507-ND Ferrite EMI Cores for Flat Ribbon and Flex Cables (3-11 each of 36 different sizes)..... 60.00

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