



WE-CBF Series — SMD EMI Suppression Ferrite Beads

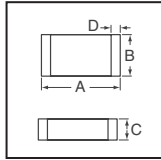


Features:

- The special SMD chip bead ferrites can be put directly on the printed circuit board
- These parts offer excellent anti-EMI properties and low DC-resistance
- Reliable Ni-Sn electrodes
- Perfect as data lined filter and for uncoupling of distribution voltage
- Highly extended spectrum
- Recommended soldering: Reflow

Size	Dimensions - mm			
	A	B	C	D
0402	1.0	0.5	0.5	0.25
0603	1.6	0.8	0.8	0.3
0805	2.0	1.2	0.9	0.5
1206	3.2	1.6	1.1	0.5
1210	3.2	2.5	1.3	0.5
1806	4.5	1.6	1.6	0.5
1812	4.5	3.2	1.5	0.5

Type
HC: High Current
HS: High Speed
WB: Wide Band
HF: High Frequency



Impedance @ 100MHz (Ω)	RDC Max. (Ω)	Max. Current Rating (A)	Type	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel		Würth Part No.
					1	25	100	Qty.	Pricing	
0402 Size										
10	0.03	2.0	HC	732-2360-1-ND	.24	5.07	17.23	10,000	54.03/M	7427927310
10	0.05	.5	HS	732-1566-1-ND	.18	3.68	12.96	10,000	86.45/M	742792701
10	0.05	.5	HS	732-2359-1-ND	.24	5.07	17.23	10,000	54.03/M	7427927110
20	0.20	.3	HS	732-2370-1-ND	.24	5.07	17.23	10,000	54.03/M	74279273
30	0.15	.3	HS	732-2374-1-ND	.24	5.07	17.23	10,000	54.03/M	7427927130
40	0.30	.3	HS	732-1567-1-ND	.18	3.68	12.96	—	—	742792701
47	0.40	.2	HS	732-2377-1-ND	.24	5.07	17.23	10,000	54.03/M	7427927140
60	0.25	.3	HS	732-2382-1-ND	.24	5.07	17.23	10,000	54.03/M	742792716
60	0.30	.4	HS	732-2383-1-ND	.24	5.07	17.23	10,000	54.03/M	7427927160
60	0.35	.3	HS	732-1568-1-ND	.18	3.68	12.96	10,000	93.78/M	74279276
70	0.20	1.2	HC	732-2390-1-ND	.24	5.07	17.23	10,000	54.03/M	7427927370
75	0.31	.3	HS	732-2391-1-ND	.24	5.07	17.23	10,000	54.03/M	7427927170
100	0.09	1.2	HC	732-2362-1-ND	.24	5.07	17.23	10,000	54.03/M	742792731
100	0.30	.2	HS	732-2361-1-ND	.24	5.07	17.23	10,000	54.03/M	742792711
120	0.09	1.2	HC	732-2366-1-ND	.24	5.07	17.23	10,000	54.03/M	7427927311
120	0.35	.35	HS	732-2365-1-ND	.24	5.07	17.23	10,000	54.03/M	7427927112
120	0.40	.3	WB	732-1570-1-ND	.18	3.68	12.96	—	—	74279271
150	0.40	.1	HS	732-2367-1-ND	.24	5.07	17.23	10,000	54.03/M	7427927115
180	0.30	.4	WB	732-2369-1-ND	.24	5.07	17.23	10,000	54.03/M	7427927218
220	0.38	.5	HF	732-2372-1-ND	.51	10.68	36.31	10,000	113.91/M	742843122
220	0.40	.2	HS	732-1569-1-ND	.18	3.68	12.96	10,000	86.45/M	742792780
220	0.80	.2	HS	732-2371-1-ND	.24	5.07	17.23	10,000	54.03/M	7427927121
240	0.70	.2	WB	732-1571-1-ND	.16	3.39	11.96	—	—	74279278
300	0.80	.2	WB	732-1572-1-ND	.18	3.68	12.96	10,000	86.45/M	74279272
470	0.45	.25	HS	732-2379-1-ND	.24	5.07	17.23	10,000	54.03/M	7427927141
470	0.65	.1	WB	732-2378-1-ND	.24	5.07	17.23	10,000	54.03/M	7427927241
600	0.56	.25	HS	732-2387-1-ND	.24	5.07	17.23	10,000	54.03/M	7427927161
600	0.60	.3	WB	732-2388-1-ND	.24	5.07	17.23	10,000	54.03/M	7427927291
600	1.00	.2	WB	732-1573-1-ND	.18	3.68	12.96	10,000	86.45/M	74279279
600	1.60	.1	HF	732-2384-1-ND	.51	10.68	36.31	10,000	113.91/M	742841160
800	0.80	.05	WB	732-2392-1-ND	.24	5.07	17.23	10,000	54.03/M	7427927281
1000	1.50	.2	WB	732-2132-1-ND	.12	2.51	8.51	10,000	26.43/M	742792796
1000	1.80	.05	HF	732-2363-1-ND	.51	10.68	36.31	10,000	113.91/M	742841210
0603 Size										
15	0.10	.5	HS	732-1575-1-ND	.12	2.59	9.13	4,000	60.89/M	74279268
22	0.05	1.0	HC	732-1597-1-ND	.16	3.24	11.44	4,000	76.28/M	742792604
28	0.03	4.0	HC	732-1590-1-ND	.16	3.24	11.44	4,000	76.28/M	742792603
30	0.04	3.0	HC	732-1591-1-ND	.16	3.24	11.44	4,000	76.28/M	742792609
40	0.15	.4	HS	732-1576-1-ND	.12	2.59	9.15	4,000	61.02/M	74279260
47	0.10	.5	HS	732-1596-1-ND	.12	2.59	9.15	4,000	61.02/M	742792608
60	0.30	.5	WB	732-1595-1-ND	.12	2.59	9.15	4,000	61.02/M	74279267
68	0.30	.3	HS	732-2267-1-ND	.14	2.97	10.11	4,000	42.17/M	742792607
100	0.15	.5	WB	732-1579-1-ND	.12	2.59	9.15	4,000	61.02/M	742792620
120	0.30	.5	WB	732-1594-1-ND	.12	2.59	9.15	4,000	61.02/M	74279262
180	0.30	.5	WB	732-1580-1-ND	.11	2.36	8.34	—	—	742792622
180	0.55	.2	HF	732-2368-1-ND	.53	11.04	37.52	4,000	155.12/M	742861118
220	0.25	.6	HF	732-2373-1-ND	.53	11.04	37.52	4,000	155.12/M	742863122
220	0.30	.5	WB	732-1581-1-ND	.12	2.59	9.15	4,000	61.02/M	742792663
300	0.15	2.0	HC	732-1592-1-ND	.16	3.24	11.44	4,000	76.28/M	742792641
300	0.35	.3	HS	732-1578-1-ND	.12	2.59	9.15	4,000	61.02/M	742792640
470	0.32	.5	HF	732-2380-1-ND	.53	11.04	37.52	4,000	155.12/M	742863147
470	0.35	.4	HS	732-2266-1-ND	.14	2.97	10.11	4,000	42.17/M	742792643
470	0.45	.2	WB	732-1582-1-ND	.13	2.60	9.15	4,000	61.02/M	742792642
600	0.20	1.0	HC	732-1593-1-ND	.15	3.24	11.44	4,000	76.28/M	742792651
600	0.35	.5	HF	732-2389-1-ND	.53	11.04	37.52	4,000	155.12/M	742863160
600	0.45	.2	WB	732-1583-1-ND	.13	2.60	9.15	4,000	61.02/M	74279265
600	0.90	.2	HF	732-2386-1-ND	.53	11.04	37.52	4,000	155.12/M	742861160

Impedance @ 100MHz (Ω)	RDC Max. (Ω)	Max. Current Rating (A)	Type	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel		Würth Part No.
					1	25	100	Qty.	Pricing	
600	1.50	.1	HF	732-2385-1-ND	.53	11.04	37.52	4,000	155.12/M	742862160
1000	0.60	.2	WB	732-1598-1-ND	.16	3.24	11.44	4,000	76.28/M	74279266A
1000	0.60	.3	HS	732-1586-1-ND	.13	2.60	9.15	4,000	61.02/M	74279266A
1000	0.85	.1	WB	732-1585-1-ND	.13	2.60	9.15	4,000	61.02/M	742792663
1000	1.80	.05	HF	732-2364-1-ND	.53	11.04	37.52	4,000	155.12/M	742861210
1500	0.70	.05	WB	732-1587-1-ND	.13	2.59	9.15	4,000	61.02/M	742792691
2200	0.80	.05	WB	732-1588-1-ND	.13	2.59	9.15	4,000	61.02/M	742792693
2500	1.00	.05	WB	732-1589-1-ND	.13	2.59	9.15	4,000	61.02/M	742792695
0805 Size										
7	0.030	3.0	HC	732-1618-1-ND	.18	3.67	12.96	4,000	86.45/M	742792010
11	0.15	.60	HS	732-1616-1-ND	.13	2.81	9.91	4,000	66.11/M	7427920
30	0.025	3.0	HC	732-1611-1-ND	.18	3.67	12.96	4,000	86.45/M	74279206
32	0.15	.05	HS	732-1599-1-ND	.13	2.81	9.91	4,000	66.11/M	74279201
60	0.025	3.0	HC	732-1612-1-ND	.18	3.67	12.96	4,000	86.45/M	742792063
75	0.20	.30	HS	732-1600-1-ND	.13	2.57	9.07	—	—	742792064
120	0.03	3.0	HC	732-1613-1-ND	.18	3.67	12.96	4,000	86.45/M	742792023
120	0.10	.50	HS	732-1601-1-ND	.13	2.81	9.91	4,000	66.11/M	74279202
220	0.05	2.0	HC	732-1614-1-ND	.18	3.67	12.96	4,000	86.45/M	742792022
220	0.30	.30	HS	732-1602-1-ND	.13	2.81	9.91	4,000	66.11/M	742792034
330	0.08	2.0	HC	732-1619-1-ND	.18	3.67	12.96	4,000	86.45/M	742792037
470	0.30	.20	WB	732-1603-1-ND	.14	2.80	9.91	4,000	66.11/M	742792036
600	0.15	2.0	WB	732-1620-1-ND	.18	3.67	12.96	4,000	86.45/M	742792040
600	0.30	.50	WB	732-1605-1-ND	.18	3.68	12.96	4,000	86.45/M	7427920415
600	0.35	.20	WB	732-1617-1-ND	.18	3.68	12.96	4,000	86.45/M	74279204
600	0.40	.20	WB	732-1604-1-ND	.18	3.68	12.96	4,000	86.45/M	742792041
1000	0.45	.20	WB	732-1606-1-ND	.18	3.68	12.96	4,000	86.45/M	74279205
1500	0.55	.20	WB	732-1607-1-ND	.16	3.38	11.93	—	—	742792091
1800	0.40	.20	HS	732-1608-1-ND	.18	3.68	12.96	4,000	86.45/M	742792090
2200	0.60	.20	WB	732-1609-1-ND	.18	3.68	12.96	4,000	86.45/M	742792093
2700	0.60	.20	WB	732-1610-1-ND	.18	3.68	12.96	4,000	86.45/M	742792095
1206 Size										
31	0.040	3.0	HC	732-1626-1-ND	.22	4.76	16.78	3,000	111.88/M	742792112
50	0.025	3.0	HC	732-1621-1-ND	.22	4.76	16.78	3,000	111.88/M	742792114
80	0.03	3.0	HC	732-1629-1-ND	.22	4.76	16.78	3,000	111.88/M	74279215
120	0.03	3.0	HC	732-1622-1-ND	.22	4.76	16.78	3,000	111.88/M	742792113
220	0.30	.30	WB	732-1624-1-ND	.19	4.11	14.49	3,000	96.62/M	742792122
600	0.10	2.0	HC	732-1623-1-ND	.22	4.76	16.78	3,000	111.88/M	74279218
600	0.30	.20	WB	732-1625-1-ND	.19	4.11	14.49	3,000	96.62/M	74279213
1000	0.45	.20	WB	732-1627-1-ND	.19	4.11	14.49	3,000	96.62/M	74279214
1210 Size										
30	0.03	3.0	HC	732-1631-1-ND	.25	5.19	18.31	2,000	122.04/M	742792310
65	0.03	3.0	HC	732-1633-1-ND	.25	5.19	18.31	2,000	122.04/M	742792312
90	0.30	.40	HS	732-1634-1-ND	.25	5.19	18.31	2,000	122.04/M	7427923
1806 Size										