



WE-CBF Series — SMD EMI Suppression Ferrite Beads

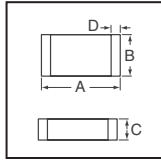


Features:

- 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✓	.20	4.21	14.31	10,000	44.89/M	7427927310
10	0.05	.5	HS	732-1566-1-ND	.13	2.82	9.93	10,000	66.21/M	742792701
10	0.05	.5	HS	732-2359-1-ND✓	.20	4.21	14.31	10,000	44.89/M	7427927110
20	0.20	.3	HS	732-2370-1-ND✓	.20	4.21	14.31	10,000	44.89/M	74279273
30	0.15	.3	HS	732-2374-1-ND✓	.20	4.21	14.31	10,000	44.89/M	7427927130
40	0.30	.3	HS	732-1567-1-ND	.13	2.82	9.93	—	—	742792701
47	0.40	.2	HS	732-2377-1-ND✓	.20	4.21	14.31	10,000	44.89/M	7427927140
60	0.25	.3	HS	732-2382-1-ND✓	.20	4.21	14.31	10,000	44.89/M	742792716
60	0.30	.4	HS	732-2383-1-ND✓	.20	4.21	14.31	10,000	44.89/M	7427927160
60	0.35	.3	HS	732-1568-1-ND	.13	2.82	9.93	10,000	71.82/M	74279276
70	0.20	1.2	HC	732-2390-1-ND✓	.20	4.21	14.31	10,000	44.89/M	7427927370
75	0.31	.3	HS	732-2391-1-ND✓	.20	4.21	14.31	10,000	44.89/M	7427927170
100	0.09	1.2	HC	732-2362-1-ND✓	.20	4.21	14.31	10,000	44.89/M	742792731
100	0.30	.2	HS	732-2361-1-ND✓	.20	4.21	14.31	10,000	44.89/M	742792711
120	0.09	1.2	HC	732-2366-1-ND✓	.20	4.21	14.31	10,000	44.89/M	7427927311
120	0.35	.35	HS	732-2365-1-ND✓	.20	4.21	14.31	10,000	44.89/M	7427927112
120	0.40	.3	WB	732-1570-1-ND	.13	2.82	9.93	—	—	74279271
150	0.40	.1	HS	732-2367-1-ND✓	.20	4.21	14.31	10,000	44.89/M	7427927115
180	0.30	.4	WB	732-2369-1-ND✓	.20	4.21	14.31	10,000	44.89/M	7427927218
220	0.38	.5	HF	732-2372-1-ND✓	.40	8.42	28.62	10,000	89.78/M	742843122
220	0.40	.2	HS	732-1569-1-ND	.13	2.82	9.93	10,000	66.21/M	742792780
220	0.80	.2	HS	732-2371-1-ND✓	.20	4.21	14.31	10,000	44.89/M	7427927121
240	0.70	.2	WB	732-1571-1-ND	.13	2.82	9.93	—	—	74279278
300	0.80	.2	WB	732-1572-1-ND	.15	3.05	10.77	10,000	71.82/M	74279272
470	0.45	.25	HS	732-2379-1-ND✓	.20	4.21	14.31	10,000	44.89/M	7427927141
470	0.65	.1	WB	732-2378-1-ND✓	.20	4.21	14.31	10,000	44.89/M	7427927241
600	0.56	.25	HS	732-2387-1-ND✓	.20	4.21	14.31	10,000	44.89/M	7427927161
600	0.60	.3	WB	732-2388-1-ND✓	.20	4.21	14.31	10,000	44.89/M	7427927291
600	1.00	.2	WB	732-1573-1-ND	.15	3.05	10.77	10,000	71.82/M	74279279
600	1.60	.1	HF	732-2384-1-ND✓	.40	8.42	28.62	10,000	89.78/M	742841160
800	0.80	.05	WB	732-2392-1-ND✓	.20	4.21	14.31	10,000	44.89/M	7427927281
1000	1.50	.2	WB	732-2132-1-ND✓	.17	3.51	11.93	10,000	37.04/M	742792796
1000	1.80	.05	HF	732-2363-1-ND✓	.40	8.42	28.62	10,000	89.78/M	742841210
0603 Size										
15	0.10	.5	HS	732-1575-1-ND	.10	2.14	7.57	4,000	50.50/M	74279268
22	0.05	1.0	HC	732-1597-1-ND	.15	3.01	10.60	4,000	70.70/M	742792604
28	0.03	4.0	HC	732-1590-1-ND	.15	3.01	10.60	4,000	70.70/M	742792603
30	0.04	3.0	HC	732-1591-1-ND	.15	3.01	10.60	4,000	70.70/M	742792609
40	0.15	.4	HS	732-1576-1-ND	.10	2.14	7.57	4,000	50.50/M	74279260
47	0.10	.5	HS	732-1596-1-ND	.10	2.14	7.57	4,000	50.50/M	742792608
60	0.30	.5	WB	732-1595-1-ND	.10	2.14	7.57	4,000	50.50/M	74279267
68	0.30	.3	HS	732-2267-1-ND✓	.15	3.09	10.49	4,000	43.77/M	742792607
100	0.15	.5	WB	732-1579-1-ND	.10	2.14	7.57	4,000	50.50/M	742792620
120	0.30	.5	WB	732-1594-1-ND	.10	2.14	7.57	4,000	50.50/M	74279262
180	0.30	.5	WB	732-1580-1-ND	.09	1.95	6.90	—	—	742792622
180	0.55	.2	HF	732-2368-1-ND✓	.47	9.82	33.38	4,000	138.03/M	742861118
220	0.25	.6	HF	732-2373-1-ND✓	.47	9.82	33.38	4,000	138.03/M	742863122
220	0.30	.5	WB	732-1581-1-ND	.10	2.14	7.57	4,000	50.50/M	74279263
300	0.15	2.0	HC	732-1592-1-ND	.15	3.01	10.60	4,000	70.70/M	742792641
300	0.35	.3	HS	732-1578-1-ND	.10	2.14	7.57	4,000	50.50/M	742792640
470	0.32	.5	HF	732-2380-1-ND✓	.47	9.82	33.38	4,000	138.03/M	742863147
470	0.35	.4	HS	732-2266-1-ND✓	.15	3.09	10.49	4,000	43.77/M	742792643
470	0.45	.2	WB	732-1582-1-ND	.12	2.58	9.09	4,000	60.60/M	742792642
600	0.20	1.0	HC	732-1593-1-ND	.16	3.34	11.78	4,000	78.55/M	742792651
600	0.35	.5	HF	732-2389-1-ND✓	.47	9.82	33.38	4,000	138.03/M	742863160
600	0.45	.2	WB	732-1583-1-ND	.12	2.58	9.09	4,000	60.60/M	74279265
600	0.90	.2	HF	732-2386-1-ND✓	.47	9.82	33.38	4,000	138.03/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✓	.47	9.82	33.38	4,000	138.03/M	742862160
1000	0.60	.2	WB	732-1598-1-ND	.15	3.01	10.60	4,000	70.70/M	74279266A
1000	0.60	.3	HS	732-1586-1-ND	.12	2.58	9.09	4,000	60.60/M	74279266A
1000	0.85	.1	WB	732-1585-1-ND	.12	2.58	9.09	4,000	60.60/M	742792663
1000	1.80	.05	HF	732-2364-1-ND✓	.47	9.82	33.38	4,000	138.03/M	742861210
1500	0.70	.05	WB	732-1587-1-ND	.15	3.01	10.60	4,000	70.70/M	742792691
2200	0.80	.05	WB	732-1588-1-ND	.15	3.01	10.60	4,000	70.70/M	742792693
2500	1.00	.05	WB	732-1589-1-ND	.15	3.01	10.60	4,000	70.70/M	742792695

0805 Size										
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	
7	0.10	3.0	HC	732-1618-1-ND	.16	3.29	11.61	4,000	77.43/M	742792010
11	0.03	.60	HS	732-1616-1-ND	.10	2.24	7.91	4,000	52.75/M	7427920
30	0.025	3.0	HC	732-1611-1-ND	.16	3.29	11.61	4,000	77.43/M	742792026
32	0.15	.05	HS	732-1599-1-ND	.10	2.24	7.91	4,000	52.75/M	74279201
60	0.025	3.0	HC	732-1612-1-ND	.16	3.29	11.61	4,000	77.43/M	742792063
75	0.20	.30	HS	732-1600-1-ND	.10	2.05	7.24	—	—	742792064
120	0.03	3.0	HC	732-1613-1-ND	.16	3.29	11.61	4,000	77.43/M	742792023
120	0.10	.50	HS	732-1601-1-ND	.10	2.24	7.91	4,000	52.75/M	74279202
220	0.05	2.0	HC	732-1614-1-ND	.16	3.29	11.61	4,000	77.43/M	742792022
220	0.30	.30	HS	732-1602-1-ND	.10	2.24	7.91	4,000	52.75/M	742792034
330	0.08	2.0	HC	732-1619-1-ND	.16	3.29	11.61	4,000	77.43/M	742792037
470	0.30	.20	WB	732-1603-1-ND	.12	2.52	8.92	4,000	59.48/M	742792036
600	0.15	2.0	HC	732-1620-1-ND	.16	3.29	11.61	4,000	77.43/M	742792040
600	0.30	.50	WB	732-1605-1-ND	.17	3.58	12.62	4,000	84.17/M	7427920415
600	0.35	.20	WB	732-1617-1-ND	.17	3.58	12.62	4,000	84.17/M	74279204
600	0.40	.20	WB	732-1604-1-ND	.17	3.58	12.62	4,000	84.17/M	742792041
1000	0.45	.20	WB	732-1606-1-ND	.17	3.58	12.62	4,000	84.17/M	74279205
1500	0.55	.20	WB	732-1607-1-ND	.16	3.29	11.61	—	—	742792091
1800	0.40	.20	HS	732-1608-1-ND	.17	3.58	12.62	4,000	84.17/M	742792090
2200	0.60	.20	WB	732-1609-1-ND	.17	3.58	12.62	4,000	84.17/M	742792093