

WURTH ELECTRONICS Ferrite Chip Beads



Nidcom

SMD EMI SUPPRESSION FERRITE BEADS WE-CBF

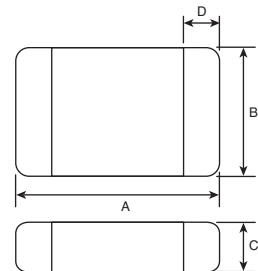
Features:

- The special SMD chip bead ferrites can be put directly on the printed circuit board
- They offer excellent anti-EMI properties and low DC-resistance
- Placed very close next to the interference source even with smallest size 0402, Maximal impedances at 660 W can be reached

Applications:

- Reliable Ni-Sn electrodes
- Suitable for wave and reflow soldering as well as pasting
- Perfect as data lined filter and for uncoupling of distribution voltage
- High rated current up to 6A
- Highly extended spectrum

| Dimensions: mm | | | | |
|----------------|-----|-----|-----|------|
| Size | A | B | C | D |
| 0402 | 1 | 0.5 | 0.5 | 0.25 |
| 0603 | 1.6 | 0.8 | 0.8 | 0.3 |
| 0805 | 2 | 1.2 | 0.9 | 0.5 |
| 1206 | 3.2 | 1.6 | 1.6 | 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 |



NEW SUPPLIER

EMI Suppression

Würth Elektronik

NEW SUPPLIER

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| MOUSER STOCK NO. | Würth Electronics Part No. | Case Size | Impedance @ 100MHz (Ω) | RDC Max. (Ω) | In Max. (mA) | Max Impedance (Ω) | Type | Price Each | | | Reel Qty. | Price Per Reel |
|------------------|----------------------------|-----------|------------------------|--------------|--------------|-------------------|--------------|------------|-----|------|-----------|----------------|
| | | | | | | | | 1 | 25 | 100 | | |
| 710-742792701 | 742792701 | 0402 | 10 | 0.05 | 500 | 16 @ 1000 | High Speed | .15 | .12 | .09 | 10000 | .053 |
| 710-74279270 | 74279270 | 0402 | 40 | 0.3 | 300 | 60 @ 800 | High Speed | .15 | .12 | .09 | 4000 | .053 |
| 710-74279276 | 74279276 | 0402 | 60 | 0.35 | 300 | 84 @ 550 | High Speed | .15 | .12 | .09 | 4000 | .053 |
| 710-74279271 | 74279271 | 0402 | 120 | 0.4 | 300 | 200 @ 600 | Wide Band | .16 | .13 | .10 | 4000 | .059 |
| 710-742792780 | 742792780 | 0402 | 220 | 0.4 | 200 | 360 @ 450 | High Speed | .15 | .12 | .09 | 4000 | .053 |
| 710-74279278 | 74279278 | 0402 | 240 | 0.7 | 200 | 290 @ 350 | Wide Band | .15 | .12 | .09 | 4000 | .053 |
| 710-74279272 | 74279272 | 0402 | 300 | 0.8 | 200 | 400 @ 380 | Wide Band | .16 | .13 | .10 | 4000 | .059 |
| 710-74279279 | 74279279 | 0402 | 600 | 1 | 200 | 660 @ 180 | Wide Band | .16 | .13 | .10 | 4000 | .059 |
| 710-742792796 | 742792796 | 0402 | 1000 | 1.5 | 200 | 1200 @ 200 | Wide Band | .15 | .12 | .09 | 10000 | .053 |
| 710-74279268 | 74279268 | 0603 | 15 | 0.1 | 500 | 60 @ 1000 | High Speed | .16 | .13 | .10 | 4000 | .041 |
| 710-742792604 | 742792604 | 0603 | 22 | 0.05 | 1000 | 40 @ 1000 | High Current | .16 | .13 | .10 | 4000 | .057 |
| 710-742792603 | 742792603 | 0603 | 28 | 0.03 | 4000 | 45 @ 1000 | High Current | .16 | .13 | .10 | 4000 | .057 |
| 710-742792609 | 742792609 | 0603 | 30 | 0.04 | 3000 | 40 @ 1000 | High Current | .16 | .13 | .10 | 4000 | .057 |
| 710-74279260 | 74279260 | 0603 | 40 | 0.15 | 400 | 60 @ 1000 | High Speed | .16 | .13 | .10 | 4000 | .041 |
| 710-742792608 | 742792608 | 0603 | 47 | 0.1 | 500 | 75 @ 1000 | High Speed | .16 | .13 | .10 | 4000 | .041 |
| 710-74279267 | 74279267 | 0603 | 60 | 0.3 | 500 | 110 @ 650 | Wide Band | .16 | .13 | .10 | 4000 | .041 |
| 710-74279261 | 74279261 | 0603 | 80 | 0.3 | 200 | 350 @ 450 | High Speed | .16 | .13 | .10 | 4000 | .041 |
| 710-742792620 | 742792620 | 0603 | 100 | 0.15 | 500 | 125 @ 450 | Wide Band | .16 | .13 | .10 | 4000 | .041 |
| 710-74279262 | 74279262 | 0603 | 120 | 0.3 | 500 | 200 @ 510 | Wide Band | .16 | .13 | .10 | 4000 | .041 |
| 710-742792622 | 742792622 | 0603 | 180 | 0.3 | 500 | 290 @ 380 | Wide Band | .16 | .13 | .10 | 4000 | .041 |
| 710-74279263 | 74279263 | 0603 | 220 | 0.3 | 500 | 280 @ 350 | Wide Band | .16 | .13 | .10 | 4000 | .041 |
| 710-742792641 | 742792641 | 0603 | 300 | 0.015 | 2000 | 450 @ 250 | High Current | .16 | .13 | .10 | 4000 | .057 |
| 710-742792640 | 742792640 | 0603 | 300 | 0.35 | 300 | 1500 @ 250 | High Speed | .16 | .13 | .10 | 4000 | .041 |
| 710-742792642 | 742792642 | 0603 | 470 | 0.45 | 200 | 780 @ 300 | Wide Band | .16 | .13 | .10 | 4000 | .057 |
| 710-742792651 | 742792651 | 0603 | 600 | 0.2 | 1000 | 800 @ 200 | High Current | .16 | .13 | .10 | 4000 | .057 |
| 710-74279265 | 74279265 | 0603 | 600 | 0.45 | 200 | 720 @ 200 | Wide Band | .16 | .13 | .10 | 4000 | .057 |
| 710-74279266A | 74279266A | 0603 | 1000 | 0.6 | 200 | 1350 @ 140 | Wide Band | .16 | .13 | .10 | 4000 | .057 |
| 710-742792664 | 742792664 | 0603 | 1000 | 0.6 | 300 | 1100 @ 120 | High Speed | .16 | .13 | .10 | 4000 | .057 |
| 710-742792663 | 742792663 | 0603 | 1000 | 0.85 | 100 | 1100 @ 150 | Wide Band | .16 | .13 | .10 | 4000 | .057 |
| 710-742792691 | 742792691 | 0603 | 1500 | 0.7 | 50 | 1900 @ 140 | Wide Band | .16 | .13 | .10 | 4000 | .057 |
| 710-742792693 | 742792693 | 0603 | 2200 | 0.8 | 50 | 2250 @ 110 | Wide Band | .16 | .13 | .10 | 4000 | .057 |
| 710-742792695 | 742792695 | 0603 | 2500 | 1 | 50 | 3000 @ 70 | Wide Band | .16 | .13 | .10 | 4000 | .057 |
| 710-742792010 | 742792010 | 0805 | 7 | 0.03 | 3000 | 11 @ 1000 | High Current | .16 | .13 | .10 | 4000 | .063 |
| 710-7427920 | 7427920 | 0805 | 11 | 0.15 | 600 | 24 @ 1000 | High Speed | .10 | .08 | .063 | 4000 | .043 |
| 710-74279206 | 74279206 | 0805 | 30 | 0.025 | 3000 | 55 @ 1000 | High Current | .16 | .13 | .10 | 4000 | .063 |
| 710-74279201 | 74279201 | 0805 | 32 | 0.15 | 500 | 70 @ 1000 | High Speed | .10 | .08 | .063 | 4000 | .043 |
| 710-742792063 | 742792063 | 0805 | 60 | 0.025 | 3000 | 90 @ 500 | High Current | .16 | .13 | .10 | 4000 | .063 |
| 710-742792064 | 742792064 | 0805 | 75 | 0.2 | 300 | 300 @ 500 | High Speed | .16 | .13 | .10 | 4000 | .043 |
| 710-742792023 | 742792023 | 0805 | 120 | 0.03 | 3000 | 180 @ 250 | High Current | .16 | .13 | .10 | 4000 | .063 |
| 710-74279202 | 74279202 | 0805 | 120 | 0.1 | 500 | 200 @ 400 | High Speed | .10 | .08 | .063 | 4000 | .043 |
| 710-742792022 | 742792022 | 0805 | 220 | 0.05 | 2000 | 330 @ 300 | High Current | .16 | .13 | .10 | 4000 | .063 |
| 710-742792034 | 742792034 | 0805 | 220 | 0.3 | 300 | 300 @ 240 | High Speed | .10 | .08 | .063 | 4000 | .043 |
| 710-742792037 | 742792037 | 0805 | 330 | 0.08 | 2000 | 375 @ 250 | High Current | .16 | .13 | .10 | 4000 | .063 |
| 710-742792036 | 742792036 | 0805 | 470 | 0.3 | 200 | 560 @ 190 | Wide Band | .10 | .08 | .063 | 4000 | .043 |
| 710-742792040 | 742792040 | 0805 | 600 | 0.15 | 2000 | 700 @ 150 | High Current | .16 | .13 | .10 | 4000 | .063 |
| 710-7427920415 | 7427920415 | 0805 | 600 | 0.3 | 500 | 660 @ 150 | Wide Band | .16 | .13 | .10 | 4000 | .063 |
| 710-74279204 | 74279204 | 0805 | 600 | 0.35 | 200 | 700 @ 160 | Wide Band | .16 | .13 | .10 | 4000 | .063 |
| 710-742792041 | 742792041 | 0805 | 600 | 0.4 | 200 | 700 @ 160 | Wide Band | .16 | .13 | .10 | 4000 | .063 |
| 710-74279205 | 74279205 | 0805 | 1000 | 0.45 | 200 | 1050 @ 120 | Wide Band | .16 | .13 | .10 | 4000 | .063 |
| 710-742792097 | 742792097 | 0805 | 1500 | 0.3 | 1000 | 1800 @ 70 | High Current | .16 | .13 | .10 | 4000 | .063 |
| 710-742792091 | 742792091 | 0805 | 1500 | 0.55 | 200 | 1500 @ 100 | Wide Band | .16 | .13 | .10 | 4000 | .043 |
| 710-742792090 | 742792090 | 0805 | 1800 | 0.4 | 200 | 2000 @ 120 | High Speed | .16 | .13 | .10 | 4000 | .043 |
| 710-742792093 | 742792093 | 0805 | 2200 | 0.6 | 200 | 3000 @ 80 | Wide Band | .16 | .13 | .10 | 4000 | .063 |
| 710-742792095 | 742792095 | 0805 | 2700 | 0.6 | 200 | 2700 @ 100 | Wide Band | .16 | .13 | .10 | 4000 | .063 |
| 710-742792112 | 742792112 | 1206 | 31 | 0.04 | 3000 | 52 @ 1000 | High Current | .28 | .23 | .19 | 3000 | .098 |
| 710-742792114 | 742792114 | 1206 | 50 | 0.025 | 3000 | 82 @ 1000 | High Current | .28 | .23 | .19 | 3000 | .098 |
| 710-74279215 | 74279215 | 1206 | 80 | 0.03 | 3000 | 160 @ 550 | High Current | .28 | .23 | .19 | 3000 | .098 |
| 710-742792113 | 742792113 | 1206 | 120 | 0.03 | 3000 | 180 @ 500 | High Current | .28 | .23 | .19 | 3000 | .098 |
| 710-742792122 | 742792122 | 1206 | 220 | 0.3 | 300 | 240 @ 200 | Wide Band | .28 | .23 | .19 | 3000 | .098 |
| 710-74279214 | 74279214 | 1206 | 1000 | 0.45 | 200 | 1250 @ 75 | Wide Band | .28 | .23 | .19 | 3000 | .098 |
| 710-74279218 | 74279218 | 1206 | 6000 | 0.1 | 2000 | 700 @ 90 | High Current | .28 | .23 | .19 | 3000 | .098 |
| 710-742792310 | 742792310 | 1210 | 30 | 0.05 | 3000 | 50 @ 900 | High Current | .28 | .23 | .19 | 2000 | .098 |
| 710-742792311 | 742792311 | 1210 | 52 | 0.05 | 3000 | 90 @ 1000 | High Current | .28 | .23 | .19 | 2000 | .098 |
| 710-742792312 | 742792312 | 1210 | 65 | 0.03 | 3000 | 110 @ 1000 | High Current | .28 | .23 | .19 | 2000 | .098 |
| 710-7427923 | 7427923 | 1210 | 90 | 0.3 | 400 | 180 @ 1000 | High Speed | .28 | .23 | .19 | 2000 | .098 |
| 710-742792410 | 742792410 | 1806 | 60 | 0.01 | 6000 | 120 @ 1000 | High Current | .40 | .33 | .28 | 2000 | .11 |
| 710-742792411 | 742792411 | 1806 | 80 | 0.04 | 3000 | 140 @ 1000 | High Current | .40 | .33 | .28 | 2000 | .11 |
| 710-74279245 | 74279245 | 1806 | 110 | 0.035 | 4000 | 170 @ 600 | High Current | .40 | .33 | .28 | 2000 | .11 |
| 710-74279242 | 74279242 | 1806 | 150 | 0.5 | 200 | 280 @ 500 | Wide Band | .40 | .33 | .28 | 2000 | .11 |
| 710-74279244 | 74279244 | 1806 | 850 | 0.1 | 1500 | 1250 @ 50 | High Current | .40 | .33 | .28 | 2000 | .11 |
| 710-742792510 | 742792510 | 1812 | 70 | 0.03 | 6000 | 120 @ 1000 | High Current | .40 | .33 | .28 | 1000 | .175 |
| 710-742792511 | 742792511 | 1812 | 120 | 0.05 | 3000 | 190 @ 6000 | High Current | .40 | .33 | .28 | 1000 | .175 |
| 710-742792515 | 742792515 | 1812 | 530 | 0.05 | 3000 | 1300 @ 60 | High Current | .40 | .33 | .28 | 1000 | .175 |
| 710-742792514 | 742792514 | 1812 | 600 | 0.04 | 3000 | 600 @ 100 | High Current | .40 | .33 | .28 | 1000 | .175 |

