



# SBA0804, SBA1206 SERIES

## SMD Chip Bead

### FEATURES

- Multilayer structure
- Closed magnetic circuit
- Avoids crosstalk
- Excellent magnetic shield
- Excellent solderability
- High reliability
- EMI/RFI suppression
- 20% impedance tolerance

### OPTIONS

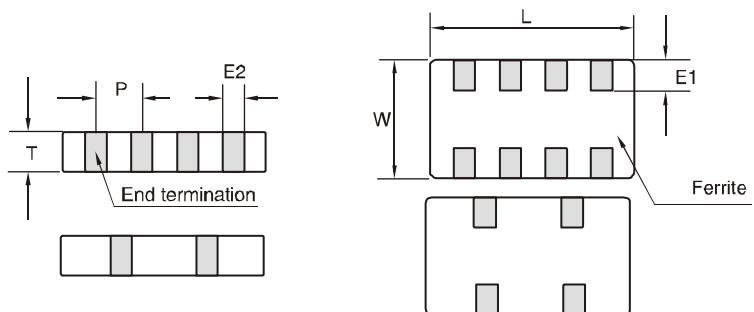
- Packaging: Tape & Reel is standard (Qty:4000pcs)
- Bulk packaging available for smaller quantities impedance:Optional values available

### APPLICATIONS

- Cellular Phones
- Mobil Radios
- Cordless Telephones
- Modems
- Global Positioning Systems
- Wireless Communications Equipment
- Network Systems
- Computer Products

| Part Number    | IMPEDANCE Ohm @100 MHz | DCR Ohm Max | IDC Max mA | Part Number    | IMPEDANCE Ohm @100 MHz | DRC Ohm Max | IDC Max mA |
|----------------|------------------------|-------------|------------|----------------|------------------------|-------------|------------|
| SBA-0804-2-310 | 31                     | 0.20        | 50         | SBA-1206-2-310 | 31                     | 0.10        | 500        |
| SBA-0804-2-600 | 60                     | 0.35        | 50         | SBA-1206-2-600 | 60                     | 0.15        | 500        |
| SBA-0804-2-121 | 120                    | 0.40        | 50         | SBA-1206-2-121 | 120                    | 0.20        | 500        |
| SBA-0804-2-151 | 150                    | 0.40        | 50         | SBA-1206-2-151 | 150                    | 0.20        | 500        |
| SBA-0804-2-221 | 220                    | 0.50        | 50         | SBA-1206-2-221 | 220                    | 0.30        | 300        |
| SBA-0804-2-301 | 300                    | 0.60        | 50         | SBA-1206-2-301 | 300                    | 0.40        | 250        |
| SBA-0804-2-601 | 600                    | 0.70        | 50         | SBA-1206-2-601 | 600                    | 0.50        | 200        |
| SBA-0804-2-801 | 800                    | 0.80        | 50         | SBA-1206-2-801 | 800                    | 0.65        | 100        |
| SBA-0804-2-102 | 1000                   | 0.90        | 50         | SBA-1206-2-102 | 1000                   | 0.80        | 50         |
| SBA-0804-2-122 | 1200                   | 1.00        | 50         | SBA-1206-2-122 | 1200                   | 0.90        | 50         |
| SBA-0804-4-310 | 30                     | 0.20        | 50         | SBA-1206-4-310 | 30                     | 0.10        | 500        |
| SBA-0804-4-600 | 60                     | 0.35        | 50         | SBA-1206-4-600 | 60                     | 0.15        | 500        |
| SBA-0804-4-121 | 120                    | 0.40        | 50         | SBA-1206-4-121 | 120                    | 0.20        | 500        |
| SBA-0804-4-151 | 150                    | 0.40        | 50         | SBA-1206-4-151 | 150                    | 0.20        | 500        |
| SBA-0804-4-221 | 220                    | 0.50        | 50         | SBA-1206-4-221 | 220                    | 0.30        | 300        |
| SBA-0804-4-301 | 300                    | 0.60        | 50         | SBA-1206-4-301 | 300                    | 0.40        | 250        |
| SBA-0804-4-601 | 600                    | 0.70        | 50         | SBA-1206-4-601 | 600                    | 0.50        | 200        |
| SBA-0804-4-801 | 800                    | 0.80        | 50         | SBA-1206-4-801 | 800                    | 0.65        | 100        |
| SBA-0804-4-102 | 1000                   | 0.90        | 50         | SBA-1206-4-102 | 1000                   | 0.80        | 50         |
| SBA-0804-4-122 | 1200                   | 1.00        | 50         | SBA-1206-4-122 | 1200                   | 0.90        | 50         |

Test Setup HP4195A,  
Opt. Temp.: -25°C +85°C  
Storage Temp.: -25°C +85°C



| CODE        | L                             | W                              | T                            | E1   | E2                            | P                             |
|-------------|-------------------------------|--------------------------------|------------------------------|--|-------------------------------|-------------------------------|
| 2010 (0804) | 2.0 ± 0.15<br>(0.079 ± 0.006) | 1.0 ± 0.15<br>(0.039 ± 0.006)  | 0.5 ± 0.1<br>(0.020 ± 0.004) | 2.0 <sup>+0.15-0.1</sup><br>(0.079 <sup>+0.006-0.004</sup> ) | 2.0 ± 0.15<br>(0.079 ± 0.006) | 2.0 ± 0.15<br>(0.079 ± 0.006) |
| 3216 (1206) | 3.2 ± 0.2<br>(0.126 ± 0.008)  | 1.660 ± 0.2<br>(0.063 ± 0.008) | 0.9 ± 0.1<br>(0.031 ± 0.004) | 3.2 ± 0.2<br>(0.126 ± 0.008)                                 | 0.3 ± 0.2<br>(0.012 ± 0.008)  | 0.8 ± 0.1<br>(0.031 ± 0.004)  |

Note: All specifications subject to change without notice.