

SURFACE-MOUNT MULTI-LAYER CHIP ARRAY BEADS

SBA 0804,1206 SERIES

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's: 2000 pcs)
- Bulk packaging available for smaller quantities
- Impedance: Optional values available

COMMON APPLICATIONS:

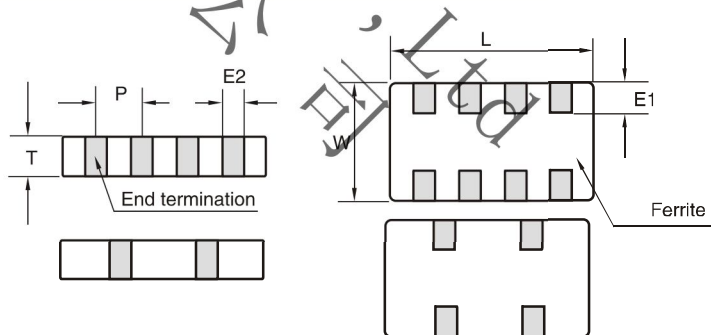
- Cellular Phones
- Mobil Radios
- Cordless Telephones
- Modems
- Global Positioning Systems
- Wireless Communications Equipment
- Network Systems
- Computer Products

SIZE CHART: Sizes shown are in mm and (inches) :

Part Number	IMPEDANCE Ω @T 100 MHz	DCR (Ω) Max	IDC Max mA	Part Number	IMPEDANCE (Ω) @T 100 MHz	DRC (Ω) 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

TECHNICAL INFORMATION & ELECTRICAL CHARACTERISTICS:

- Testing: Impedance vs. Frequency: HP 4195A
- Solderability: 90% of the terminal electrode shall be covered Preheat: @ 260°C ± 5°C for 60 seconds
Flux: Rosin, Dip for 10 seconds ± 1 second
- Thermal Shock: Impedance shall be within ± 20% of initial value when temperature is -25°C and +85°C for 30 minutes for each 50 cycles
- Operating Temperature: -25°C to +85°C
- Storage Temperature: -25°C to +85°C



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

Note: All specifications subject to change without notice.