

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

COMMON APPLICATIONS:

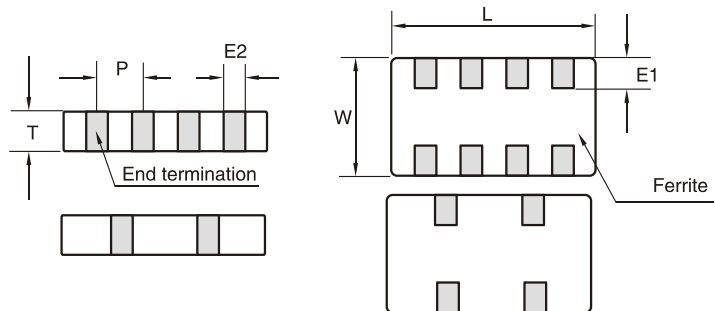
- Cellular Phones
- Mobil Radios
- Cordless Telephones
- Modems
- Global Positioning Systems
- Wireless Communications Equipment
- Network Systems
- Computer Products

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 $\pm$ 5°C for 60 seconds
Flux:Rosin,Dip for 10 seconds $\pm$ 1 second
- Thermal Shock:Impedance shall be within $\pm$ 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 $\pm$ 0.15 (0.079 $\pm$ 0.006)	1.0 $\pm$ 0.15 (0.039 $\pm$ 0.006)	0.5 $\pm$ 0.1 (0.020 $\pm$ 0.004)	2.0 $^{+0.15}_{-0.1}$ (0.079 $^{+0.006}_{-0.004}$)	2.0 $\pm$ 0.15 (0.079 $\pm$ 0.006)	2.0 $\pm$ 0.15 (0.079 $\pm$ 0.006)
3216 (1206)	3.2 $\pm$ 0.2 (0.126 $\pm$ 0.008)	1.660.2 (0.063 $\pm$ 0.008)	0.9 $\pm$ 0.1 (0.031 $\pm$ 0.004)	3.2 $\pm$ 0.2 (0.126 $\pm$ 0.008)	0.3 $\pm$ 0.2 (0.012 $\pm$ 0.008)	0.8 $\pm$ 0.1 (0.031 $\pm$ 0.004)

Note:All specifications subject to change without notice.