

◆ Multilayer Chip Ferrite Beads SRGB Series



FEATURES

- ◆ Multilayer monolithic construction yields high reliability.
- ◆ Excellent solderability and heat resistance for either flow or reflow soldering.
- ◆ Substantial EMI suppression over a wide frequency range.

APPLICATIONS

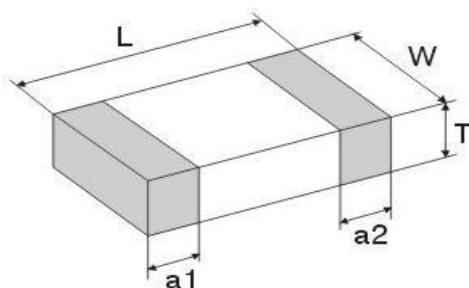
- ◆ Noise suppression in digital equipment such as computer and its peripheral devices, DVD, camera, OA, etc.

PRODUCT IDENTIFICATION

SRGB 0805 - 101 I
a b c d

- a: Series name
b: Product dimensions
c: Impedance
(100:10Ω; 101: 100Ω; 102: 1000Ω)
d: Packing Style (T: Taping B: Bulk)

SHAPES AND DIMENSIONS



Type	Dimensions (mm) [inch]			
	L	W	T	a1 a2
0603 [0201]	0.60±0.05 [0.024±0.002]	0.30±0.05 [0.012±0.002]	0.30±0.05 [0.012±0.002]	0.15±0.05 [0.02±0.002]
1005 [0402]	1.00±0.15 [0.04±0.006]	0.50±0.15 [0.02±0.006]	0.50±0.15 [0.02±0.006]	0.25±0.10 [0.01±0.004]
1608 [0603]	1.60±0.15 [0.063±0.006]	0.80±0.15 [0.031±0.006]	0.80±0.15 [0.031±0.006]	0.30±0.20 [0.012±0.008]
2012 [0805]	2.00±0.20 [0.079±0.008]	1.25±0.20 [0.049±0.008]	0.85±0.20 [0.033±0.008]	0.50±0.30 [0.02±0.012]
3216 [1206]	3.20±0.20 [0.126±0.008]	1.60±0.20 [0.063±0.008]	0.90±0.20 [0.035±0.008]	0.50±0.30 [0.02±0.012]

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ELECTRICAL CHARACTERISTICS

Part Number	Impedance (Ω) $\pm 25\%$	Test Freq. (MHz)	DCR Max. (Ω)	Rated Current (mA)
SRGB0201-100T	10	100	0.120	500
SRGB0201-800T	80	100	0.370	200
SRGB0201-121T	120	100	0.450	200
SRGB0201-241T	240	100	0.750	200
SRGB0201-471T	470	100	1.300	100
SRGB0201-601T	600	100	1.750	100

Part Number	Impedance (Ω) $\pm 25\%$	Test Freq. (MHz)	DCR Max. (Ω)	Rated Current (mA)
SRGB0402-050T	5	100	0.05	500
SRGB0402-110T	11	100	0.05	500
SRGB0402-190T	19	100	0.05	300
SRGB0402-310T	31	100	0.20	300
SRGB0402-600T	60	100	0.30	200
SRGB0402-800T	80	100	0.30	200
SRGB0402-121T	120	100	0.40	150
SRGB0402-181T	180	100	0.50	150
SRGB0402-301T	300	100	0.65	100
SRGB0402-601T	600	100	1.00	100
SRGB0402-102T	1000	100	1.30	100
SRGB0402-152T	1500	100	1.40	100
SRGB0402-182T	1800	100	1.40	100

Part Number	Impedance (Ω) $\pm 25\%$	Test Freq. (MHz)	DCR Max. (Ω)	Rated Current (mA)
SRGB0603-070T	7	100	0.05	1000
SRGB0603-190T	19	100	0.05	1000
SRGB0603-600T	60	100	0.12	300
SRGB0603-800T	80	100	0.16	200
SRGB0603-121T	120	100	0.20	200
SRGB0603-181T	180	100	0.30	200
SRGB0603-221T	220	100	0.30	200
SRGB0603-301T	300	100	0.35	200
SRGB0603-601T	600	100	0.50	200
SRGB0603-102T	1000	100	0.60	100
SRGB0603-152T	1500	100	0.80	100
SRGB0603-202T	2000	100	1.20	100
SRGB0603-252T	2500	100	1.50	50

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Part Number	Impedance (Ω) $\pm 25\%$	Test Freq. (MHz)	DCR Max. (Ω)	Rated Current (mA)
SRGB0805-070T	7	100	0.05	2200
SRGB0805-110T	11	100	0.05	2000
SRGB0805-190T	19	100	0.05	2000
SRGB0805-260T	26	100	0.05	1500
SRGB0805-310T	31	100	0.05	1500
SRGB0805-360T	36	100	0.05	1500
SRGB0805-600T	60	100	0.05	1000
SRGB0805-700T	70	100	0.08	1000
SRGB0805-800T	80	100	0.10	1000
SRGB0805-101T	100	100	0.12	1000
SRGB0805-121T	120	100	0.15	800
SRGB0805-151T	150	100	0.15	800
SRGB0805-181T	180	100	0.20	600
SRGB0805-221T	220	100	0.20	600
SRGB0805-301T	300	100	0.25	500
SRGB0805-501T	500	100	0.30	500
SRGB0805-601T	600	100	0.35	500
SRGB0805-751T	750	100	0.35	300
SRGB0805-102T	1000	100	0.45	300
SRGB0805-122T	1200	100	0.50	200
SRGB0805-152T	1500	100	0.65	200
SRGB0805-202T	2000	100	0.80	200
SRGB0805-222T	2200	100	1.50	200
SRGB0805-252T	2500	100	1.50	200

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ELECTRICAL CHARACTERISTICS

Part Number	Impedance (Ω) $\pm 25\%$	Test Freq. (MHz)	DCR Max. (Ω)	Rated Current (mA)
SRGB3216-190T	19	100	0.05	2000
SRGB3216-260T	26	100	0.05	2000
SRGB3216-310T	31	100	0.05	2000
SRGB3216-360T	36	100	0.05	2000
SRGB3216-600T	60	100	0.08	1000
SRGB3216-800T	80	100	0.08	1000
SRGB3216-101T	100	100	0.10	1000
SRGB3216-121T	120	100	0.10	600
SRGB3216-151T	150	100	0.15	600
SRGB3216-181T	180	100	0.15	600
SRGB3216-301T	300	100	0.20	600
SRGB3216-391T	390	100	0.20	600
SRGB3216-501T	500	100	0.30	600
SRGB3216-601T	600	100	0.30	600
SRGB3216-751T	750	100	0.30	600
SRGB3216-102T	1000	100	0.40	500
SRGB3216-122T	1200	100	0.50	300
SRGB3216-152T	1500	100	0.60	200
SRGB3216-202T	2000	100	0.70	200
SRGB3216-252T	2500	100	0.70	200
SRGB3216-302T	3000	100	1.00	200