



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

TGRGB 0805 100 I I 00
a b c d e f

a: Series name

b: Product dimensions

c: Impedance

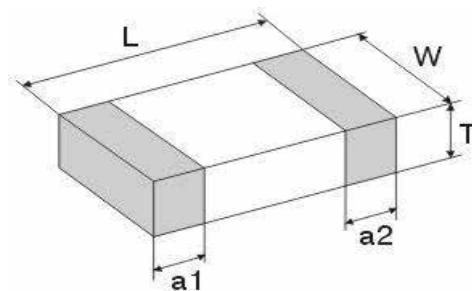
(100:10Ω; 101: 100Ω; 102: 1000Ω)

d: Inductance Tolerance (J:5%、K:10%、M:20%)

e: Package(T:Tape/Reel、B: Bulk)

f: Numbering (standard)

SHAPES AND DIMENSIONS



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

Part Number	Impedance (Ω) $\pm 25\%$	Test Freq. (MHz/V)	DCR Max. (Ω)	Rated Current Max. (mA)
TGRGB.0201.100TT00	10	100/0.25	0.120	500
TGRGB.0201.800TT00	80	100/0.25	0.370	200
TGRGB.0201.121TT00	120	100/0.25	0.450	200
TGRGB.0201.241TT00	240	100/0.25	0.750	200
TGRGB.0201.471TT00	470	100/0.25	1.300	100
TGRGB.0201.601TT00	600	100/0.25	1.750	100

Part Number	Impedance (Ω) $\pm 25\%$	Test Freq. (MHz/V)	DCR Max. (Ω)	Rated Current Max. (mA)
TGRGB.0402.050TT00	5	100/0.25	0.05	500
TGRGB.0402.110TT00	11	100/0.25	0.05	500
TGRGB.0402.190TT00	19	100/0.25	0.05	300
TGRGB.0402.310TT00	31	100/0.25	0.20	300
TGRGB.0402.600TT00	60	100/0.25	0.30	200
TGRGB.0402.800TT00	80	100/0.25	0.30	200
TGRGB.0402.121TT00	120	100/0.25	0.40	150
TGRGB.0402.181TT00	180	100/0.25	0.50	150
TGRGB.0402.301TT00	300	100/0.25	0.65	100
TGRGB.0402.601TT00	600	100/0.25	1.00	100
TGRGB.0402.102TT00	1000	100/0.25	1.30	100
TGRGB.0402.152TT00	1500	100/0.25	1.40	100
TGRGB.0402.182TT00	1800	100/0.25	1.40	100

Part Number	Impedance (Ω) $\pm 25\%$	Test Freq. (MHz/V)	DCR Max. (Ω)	Rated Current Max. (mA)
TGRGB.0603.070TT00	7	100/0.25	0.05	1000
TGRGB.0603.190TT00	19	100/0.25	0.05	1000
TGRGB.0603.600TT00	60	100/0.25	0.12	300
TGRGB.0603.800TT00	80	100/0.25	0.16	200
TGRGB.0603.121TT00	120	100/0.25	0.20	200
TGRGB.0603.181TT00	180	100/0.25	0.30	200
TGRGB.0603.221TT00	220	100/0.25	0.30	200
TGRGB.0603.301TT00	300	100/0.25	0.35	200
TGRGB.0603.601TT00	600	100/0.25	0.50	200
TGRGB.0603.102TT00	1000	100/0.25	0.60	100
TGRGB.0603.152TT00	1500	100/0.25	0.80	100
TGRGB.0603.202TT00	2000	100/0.25	1.20	100
TGRGB.0603.252TT00	2500	100/0.25	1.50	50

Part Number	Impedance (Ω) $\pm 25\%$	Test Freq. (MHz/V)	DCR Max. (Ω)	Rated Current Max. (mA)
TGRGB.0805.070TT00	7	100/0.25	0.05	2200
TGRGB.0805.110TT00	11	100/0.25	0.05	2000
TGRGB.0805.190TT00	19	100/0.25	0.05	2000
TGRGB.0805.260TT00	26	100/0.25	0.05	1500
TGRGB.0805.310TT00	31	100/0.25	0.05	1500
TGRGB.0805.360TT00	36	100/0.25	0.05	1500
TGRGB.0805.600TT00	60	100/0.25	0.05	1000
TGRGB.0805.700TT00	70	100/0.25	0.08	1000
TGRGB.0805.800TT00	80	100/0.25	0.10	1000
TGRGB.0805.101TT00	100	100/0.25	0.12	1000
TGRGB.0805.121TT00	120	100/0.25	0.15	800
TGRGB.0805.151TT00	150	100/0.25	0.15	800
TGRGB.0805.181TT00	180	100/0.25	0.20	600
TGRGB.0805.221TT00	220	100/0.25	0.20	600
TGRGB.0805.301TT00	300	100/0.25	0.25	500
TGRGB.0805.501TT00	500	100/0.25	0.30	500
TGRGB.0805.601TT00	600	100/0.25	0.35	500
TGRGB.0805.751TT00	750	100/0.25	0.35	300
TGRGB.0805.102TT00	1000	100/0.25	0.45	300
TGRGB.0805.122TT00	1200	100/0.25	0.50	200
TGRGB.0805.152TT00	1500	100/0.25	0.65	200
TGRGB.0805.202TT00	2000	100/0.25	0.80	200
TGRGB.0805.222TT00	2200	100/0.25	1.50	200
TGRGB.0805.252TT00	2500	100/0.25	1.50	200

Part Number	Impedance (Ω) $\pm 25\%$	Test Freq. (MHz/V)	DCR Max. (Ω)	Rated Current Max. (mA)
TGRGB.3216.190TT00	19	100/0.25	0.05	2000
TGRGB.3216.260TT00	26	100/0.25	0.05	2000
TGRGB.3216.310TT00	31	100/0.25	0.05	2000
TGRGB.3216.360TT00	36	100/0.25	0.05	2000
TGRGB.3216.600TT00	60	100/0.25	0.08	1000
TGRGB.3216.800TT00	80	100/0.25	0.08	1000
TGRGB.3216.101TT00	100	100/0.25	0.10	1000
TGRGB.3216.121TT00	120	100/0.25	0.10	600
TGRGB.3216.151TT00	150	100/0.25	0.15	600
TGRGB.3216.181TT00	180	100/0.25	0.15	600
TGRGB.3216.301TT00	300	100/0.25	0.20	600
TGRGB.3216.391TT00	390	100/0.25	0.20	600
TGRGB.3216.501TT00	500	100/0.25	0.30	600
TGRGB.3216.601TT00	600	100/0.25	0.30	600
TGRGB.3216.751TT00	750	100/0.25	0.30	600
TGRGB.3216.102TT00	1000	100/0.25	0.40	500
TGRGB.3216.122TT00	1200	100/0.25	0.50	300
TGRGB.3216.152TT00	1500	100/0.25	0.60	200
TGRGB.3216.202TT00	2000	100/0.25	0.70	200
TGRGB.3216.252TT00	2500	100/0.25	0.70	200
TGRGB.3216.302TT00	3000	100/0.25	1.00	200