

MULTILAYER FERRITE CHIP BEADS for High Current Use



Features

- Suitable for high current applications
- Small package size—EIA STD 0402/0603/0805/1206/1806 and 1812
- Nickel barrier terminations provide excellent solder heat resistance
- Current rating up to 6 AMPS (max) (high current handling capacity)
- Low DCR
- Suitable for flow and reflow soldering
- Available in 6 sizes

Applications

- High current DC power lines for USB interface circuitry, personal computers, electronic games, hard disk drives, and other general electronic equipment.

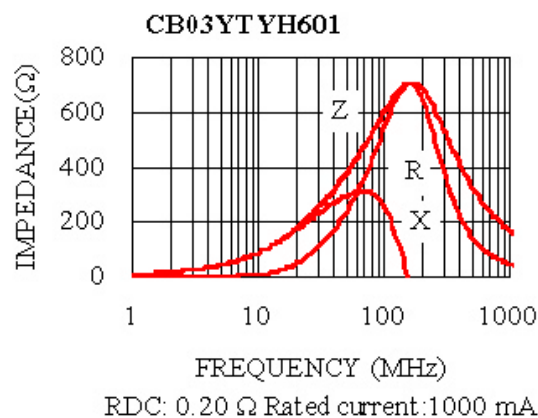
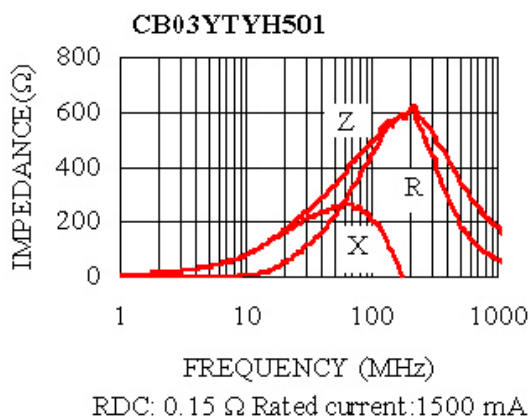
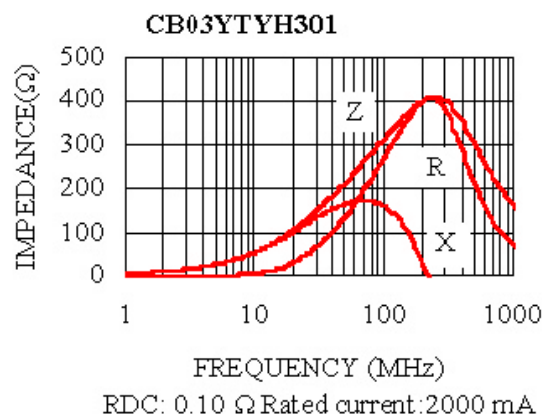
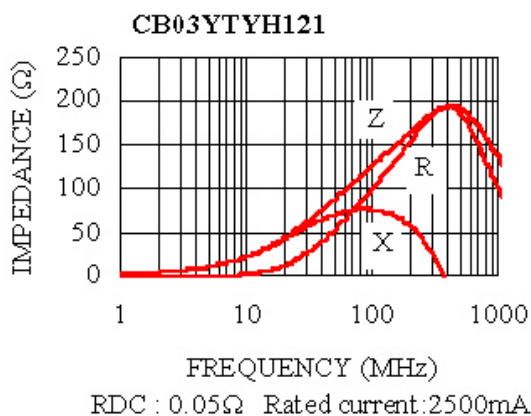
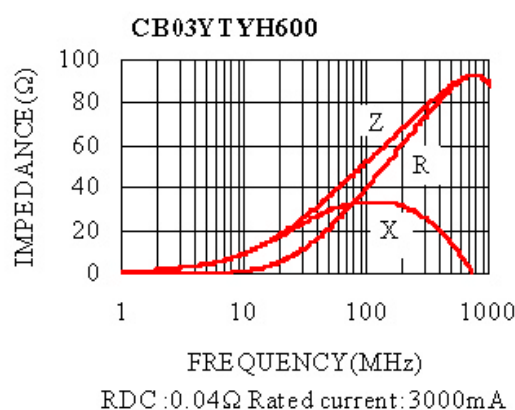
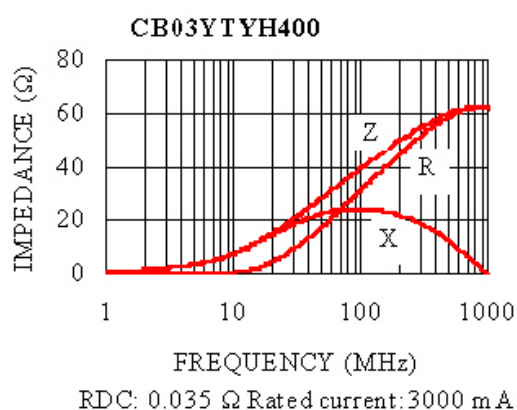
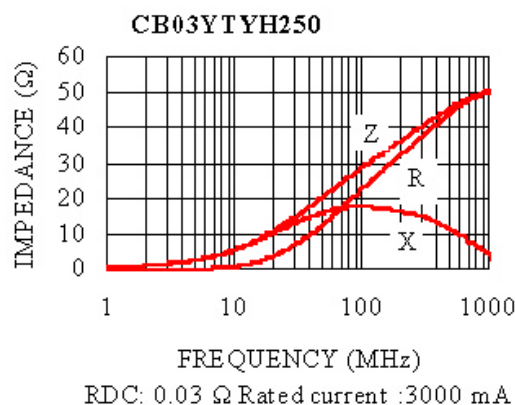
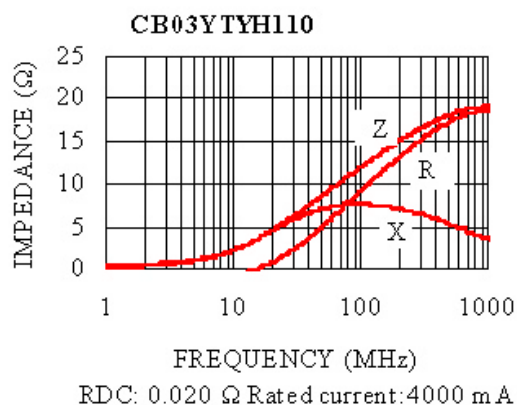
Standard electrical specifications

Part Number	Test Frequency (MH z)	Impedance ($\Omega \pm 25\%$)	DC Resistance (Ω) max.	Rated current (mA) max.
CB02YTYH1 00	100	10	0.03	1000
CB03YTYH1 10	100	11	0.02	4000
CB03YTYH2 50	100	25	0.03	3000
CB03YTYH4 00	100	40	0.035	3000
CB03YTYH6 00	100	60	0.04	3000
CB03YTYH1 21	100	120	0.08	2500
CB03YTYH3 01	100	300	0.10	2000
CB03YTYH5 01	100	500	0.15	1500
CB03YTYH6 01	100	600	0.20	1000
CB03YTYH1 02	100	1000	0.25	800
CB05YTYH1 10	100	11	0.01	6000
CB05YTYH1 70	100	17	0.02	5000
CB05YTYH3 00	100	30	0.015	5000
CB05YTYH5 00	100	50	0.025	3000
CB05YTYH6 00	100	60	0.03	3000
CB05YTYH8 00	100	80	0.04	3000
CB05YTYH1 21	100	120	0.04	3000
CB05YTYH2 01	100	200	0.05	2500
CB05YTYH3 01	100	300	0.08	2000
CB05YTYH6 01	100	600	0.10	2000
CB05YTYH1 02	100	1000	0.12	1500
CB04YTYH1 90	100	19	0.015	6000
CB04YTYH3 20	100	32	0.015	4000
CB04YTYH5 00	100	50	0.02	4000
CB04YTYH8 00	100	80	0.025	3000
CB04YTYH1 01	100	100	0.03	2500
CB04YTYH3 01	100	300	0.06	2000
CB04YTYH6 01	100	600	0.10	1800
CB04YTYH1 02	50	1000	0.15	1200
CB04YTYH1 22	50	1200	0.18	1000
CB04YTYH1 52	50	1500	0.20	800
CB10YTYH6 00	100	60	0.025	4000
CB10YTYH9 00	100	90	0.025	3000
CB08YTYH5 00	100	50	0.020	6000
CB08YTYH6 00	100	60	0.020	5000
CB08YTYH8 00	100	80	0.025	4000
CB08YTYH1 51	100	150	0.100	2000
CB12YTYH7 00	100	70	0.03	6000
CB12YTYH1 21	100	120	0.03	4000



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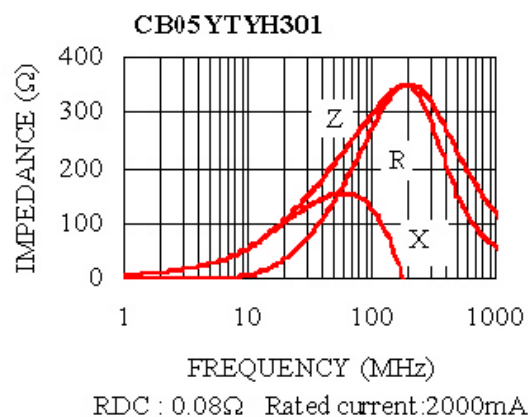
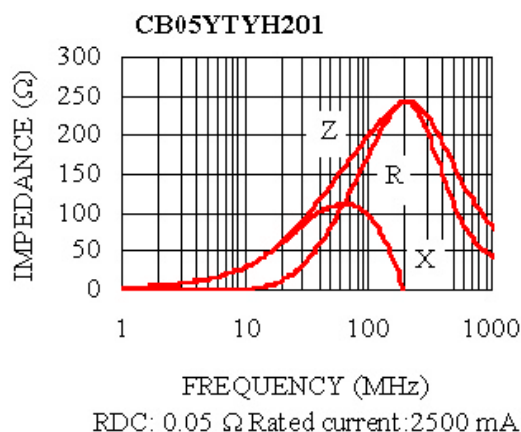
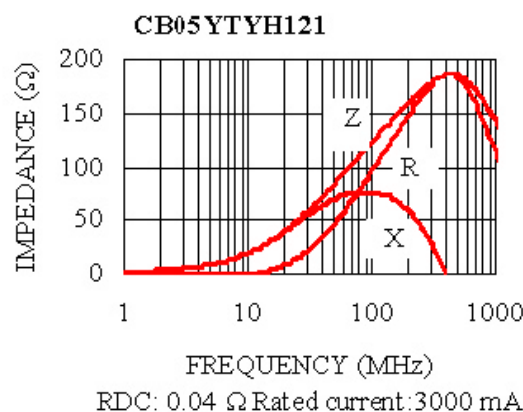
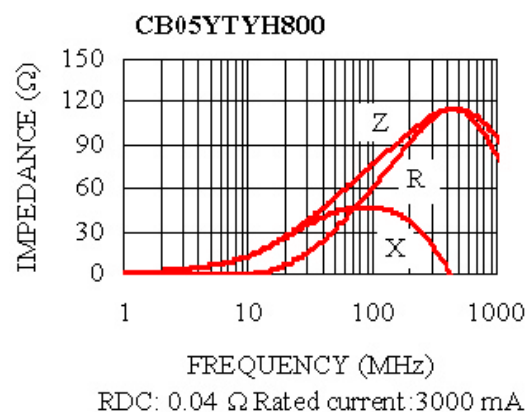
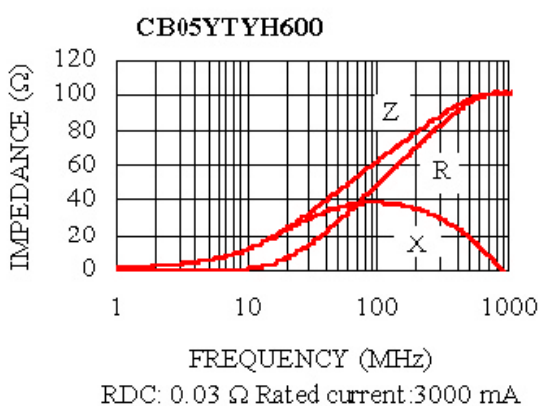
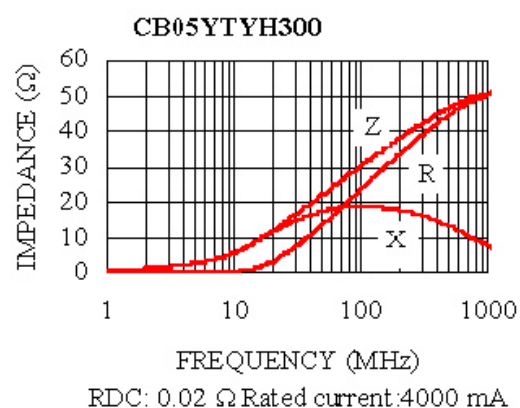
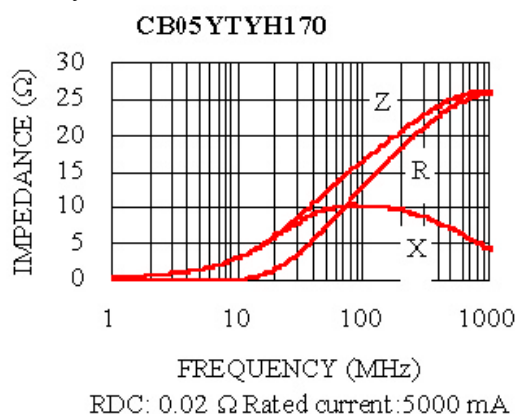
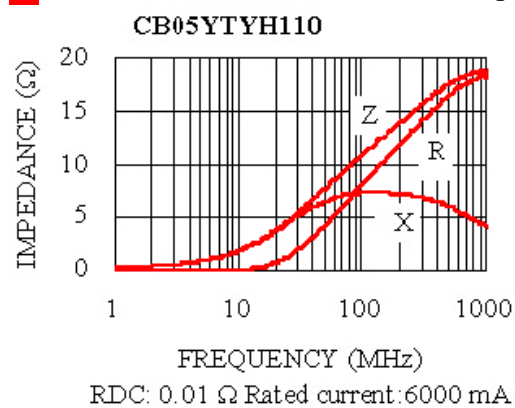
Test Instruments : HP4291A Impedance / Material Analyzer





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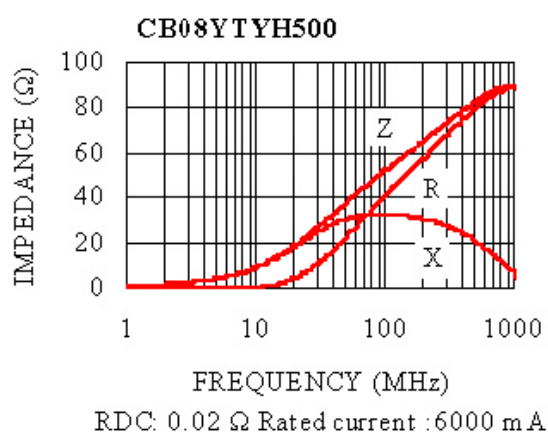
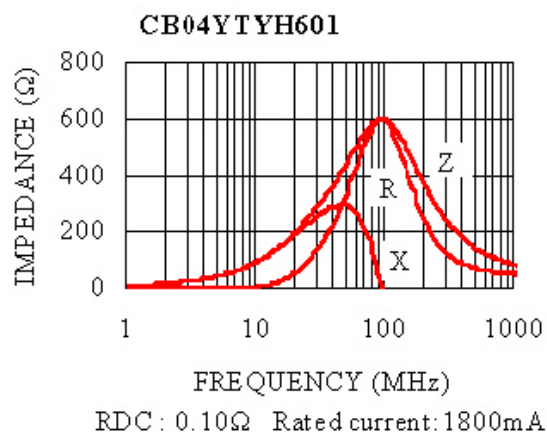
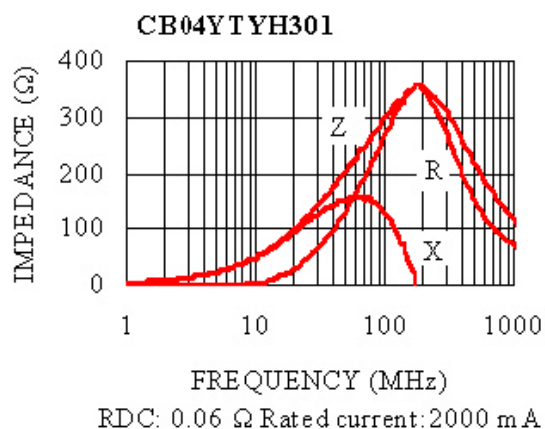
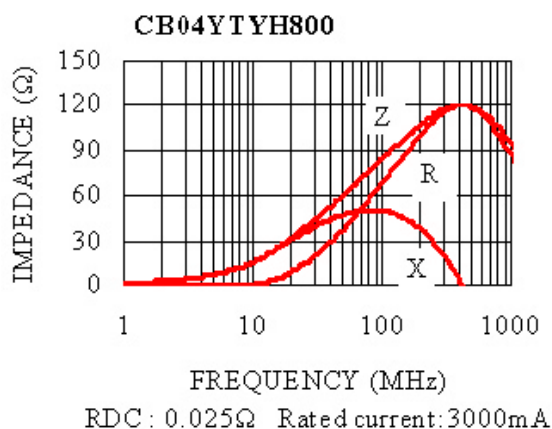
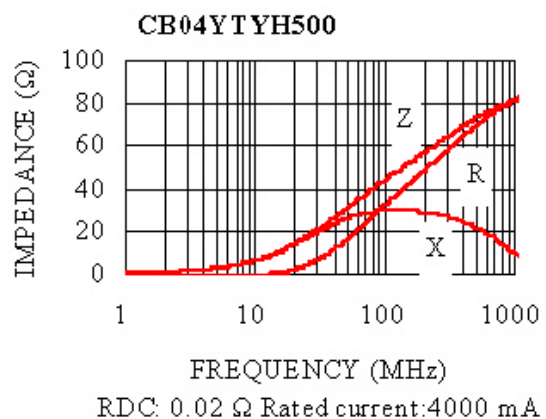
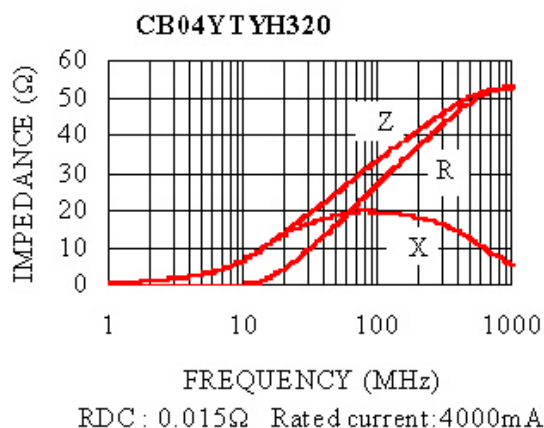
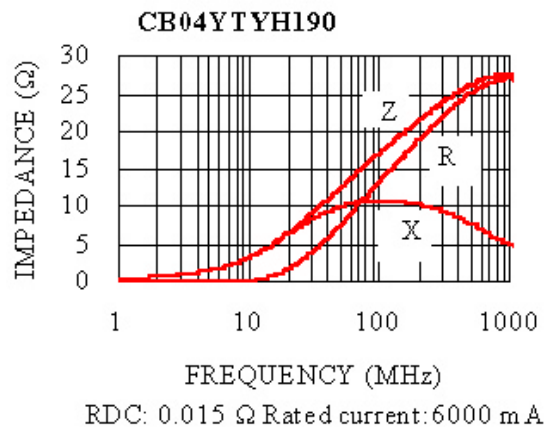
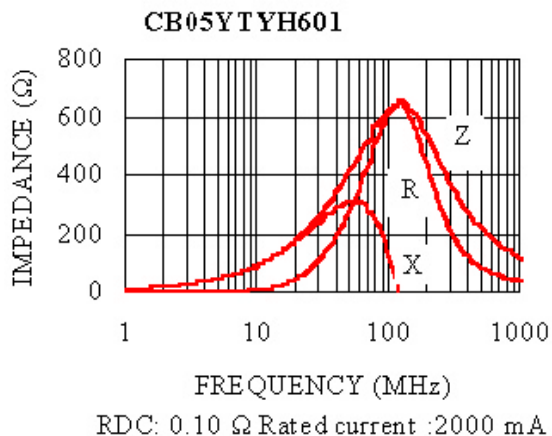
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