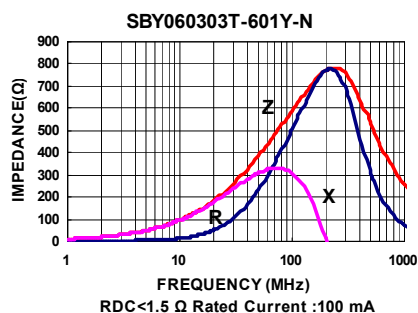
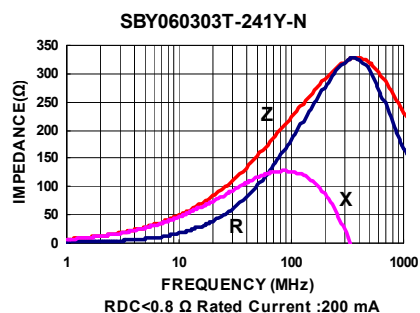
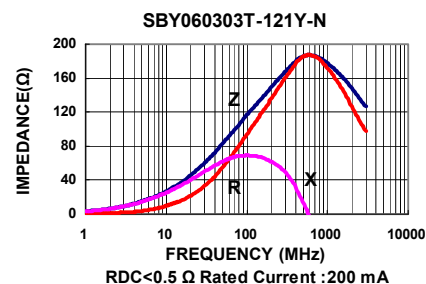
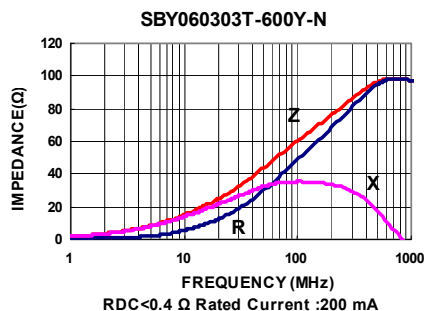
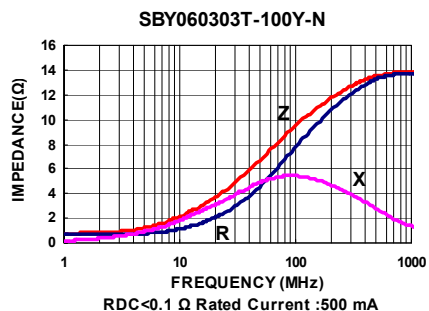


SMD Multilayer Ferrite Chip Beads – SBY,SBK Series

Electrical Characteristics

Part Number	Test Frequency (MHz)	Impedance ($\Omega \pm 25\%$)	DC Resistance (Ω) Max	Rated current (mA) Max
SBY060303T-100Y-N	100	10 $\pm 30\%$	0.1	500
SBY060303T-600Y-N	100	60	0.4	200
SBY060303T-121Y-N	100	120	0.5	200
SBY060303T-241Y-N	100	240	0.8	200
SBY060303T-601Y-N	100	600	1.5	100

Test Instruments : Agilent E4991A Impedance / Material Analyzer

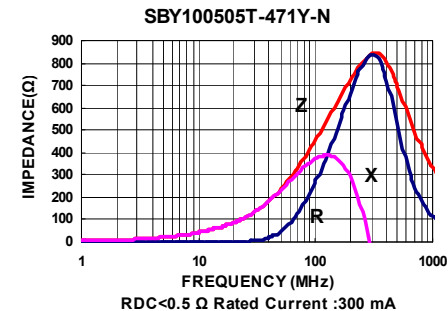
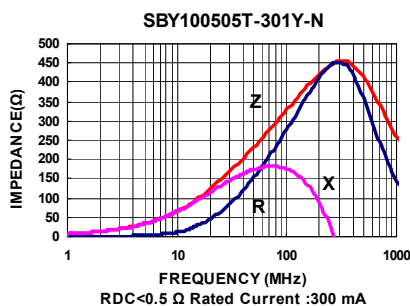
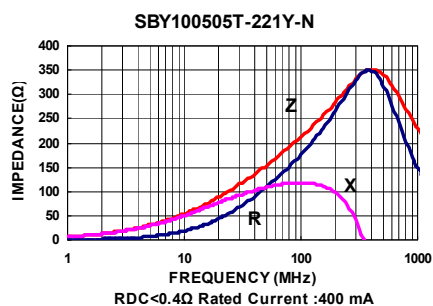
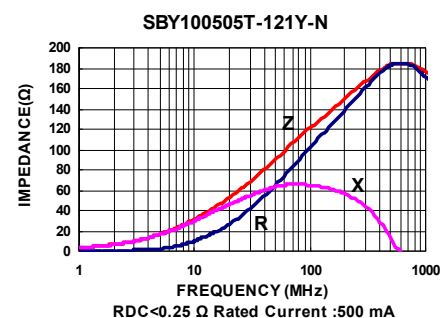
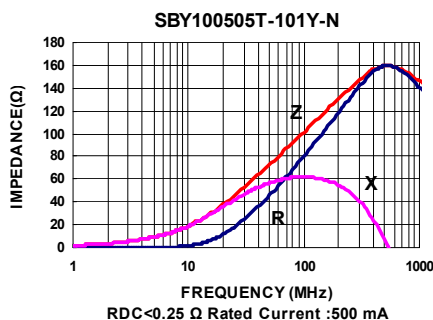
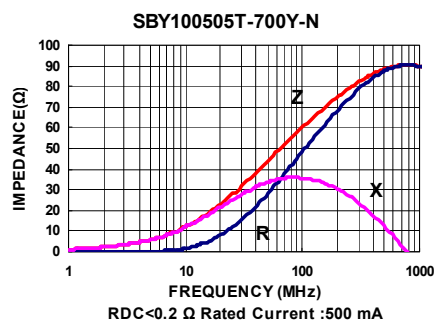
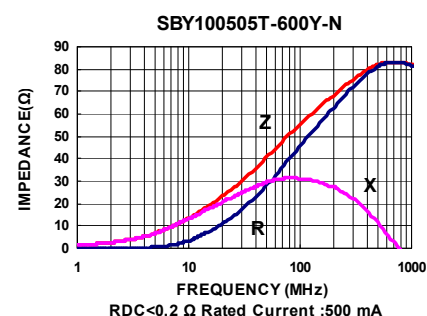
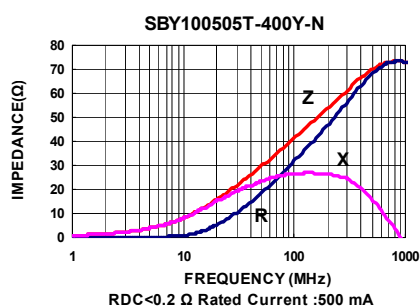
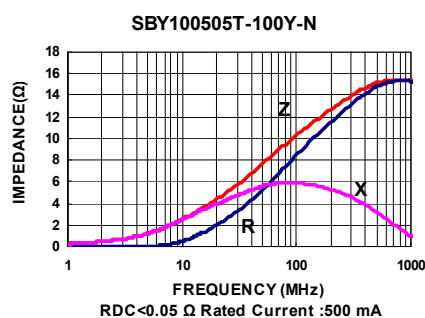


SMD Multilayer Ferrite Chip Beads – SBY,SBK Series

Electrical Characteristics

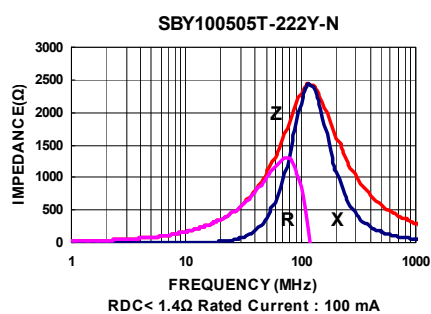
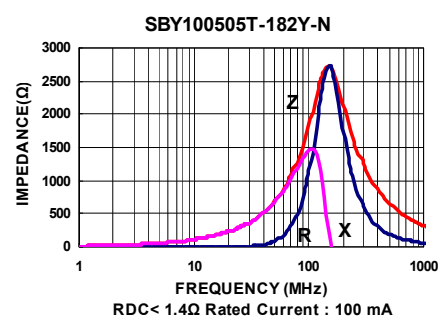
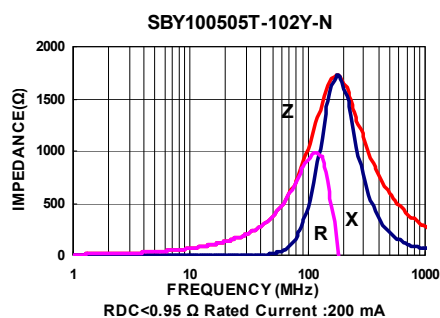
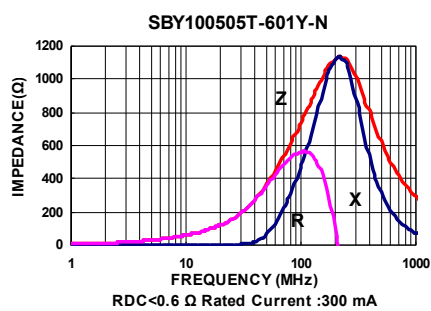
Part Number	Test Frequency (MHz)	Impedance ($\Omega \pm 25\%$)	DC Resistance (Ω) Max	Rated current (mA) Max
SBY100505T-100Y-N	100	10 $\pm 30\%$	0.05	500
SBY100505T-400Y-N	100	40	0.20	500
SBY100505T-600Y-N	100	60	0.20	500
SBY100505T-700Y-N	100	70	0.20	500
SBY100505T-101Y-N	100	100	0.25	500
SBY100505T-121Y-N	100	120	0.25	500
SBY100505T-221Y-N	100	220	0.40	400
SBY100505T-301Y-N	100	300	0.50	300
SBY100505T-471Y-N	100	470	0.50	300
SBY100505T-601Y-N	100	600	0.60	300
SBY100505T-102Y-N	100	1000	0.95	200
SBY100505T-182Y-N	100	1800	1.40	100
SBY100505T-222Y-N	100	2200	1.40	100

Test Instruments : Agilent E4991A Impedance / Material Analyzer



SMD Multilayer Ferrite Chip Beads – SBY,SBK Series

Test Instruments : Agilent E4991A Impedance / Material Analyzer

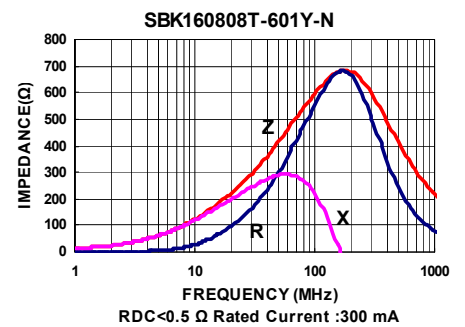
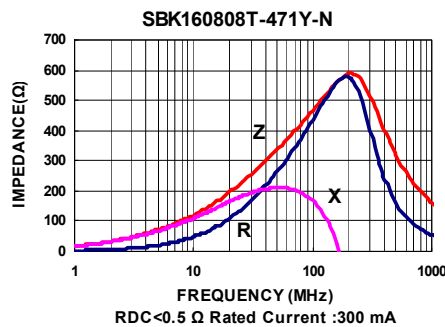
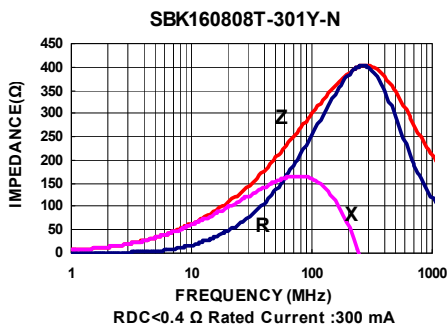
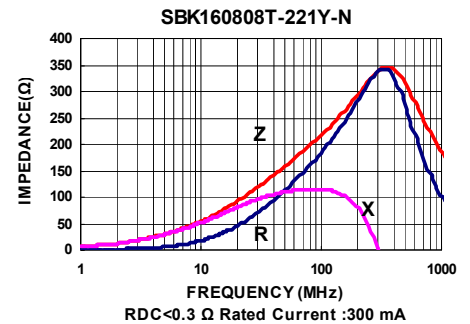
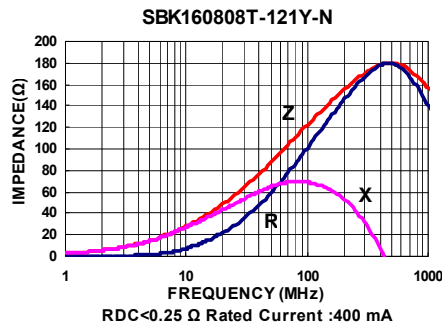
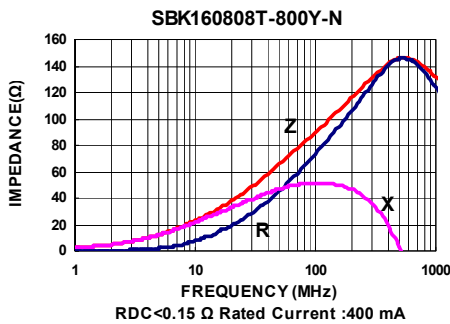
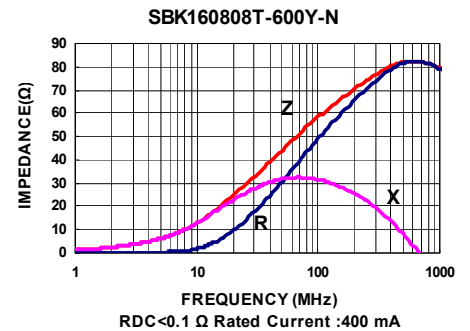
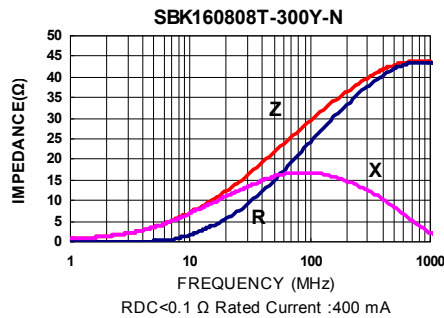
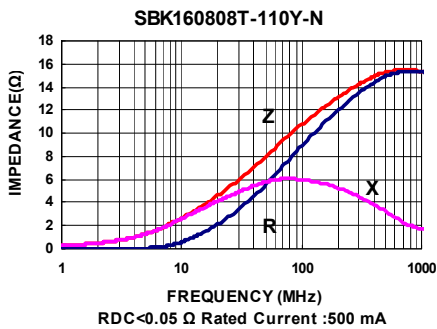


SMD Multilayer Ferrite Chip Beads – SBY.SBK Series

Electrical Characteristics

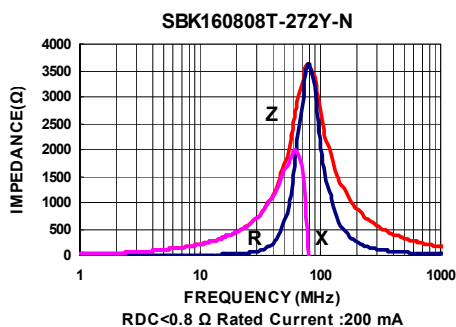
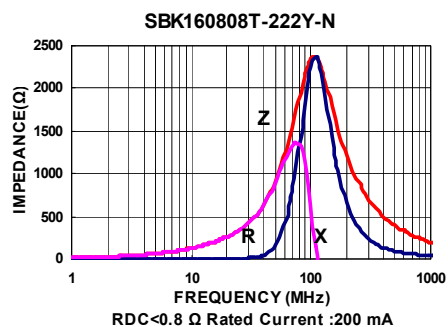
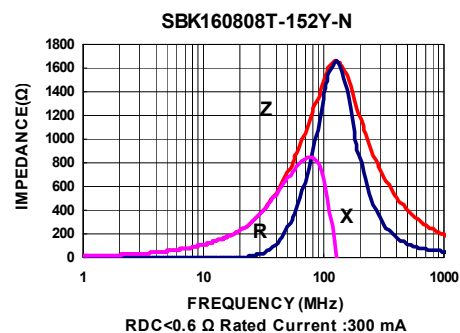
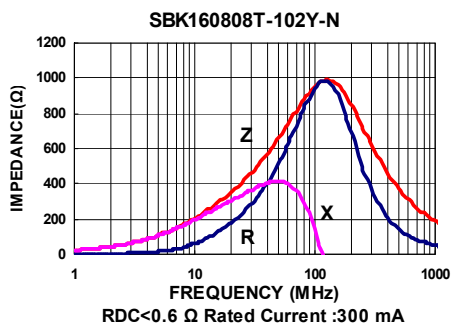
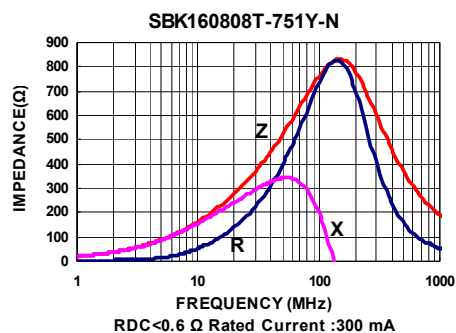
Part Number	Test Frequency (MHz)	Impedance ($\Omega \pm 25\%$)	DC Resistance (Ω) Max	Rated current (mA) Max
SBK160808T-110Y-N	100	11 $\pm 30\%$	0.05	500
SBK160808T-300Y-N	100	30	0.10	400
SBK160808T-600Y-N	100	60	0.10	400
SBK160808T-800Y-N	100	80	0.15	400
SBK160808T-121Y-N	100	120	0.25	400
SBK160808T-221Y-N	100	220	0.30	300
SBK160808T-301Y-N	100	300	0.40	300
SBK160808T-471Y-N	100	470	0.50	300
SBK160808T-601Y-N	100	600	0.50	300
SBK160808T-751Y-N	100	750	0.60	300
SBK160808T-102Y-N	100	1000	0.60	300
SBK160808T-152Y-N	100	1500	0.60	300
SBK160808T-222Y-N	100	2200	0.80	200
SBK160808T-272Y-N	100	2700	0.80	200

Test Instruments : Agilent E4991A Impedance / Material Analyzer



SMD Multilayer Ferrite Chip Beads – SBY.SBK Series

Test Instruments : Agilent E4991A Impedance / Material Analyzer

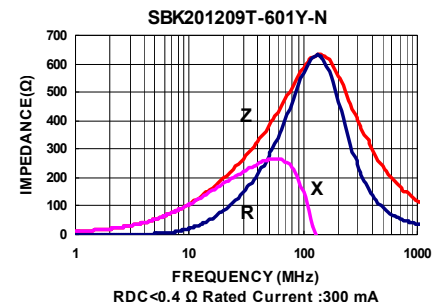
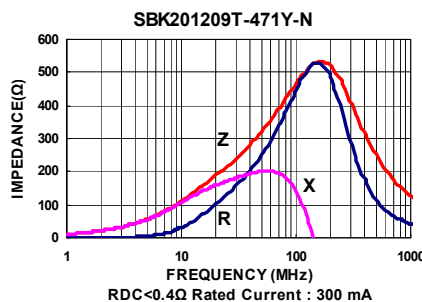
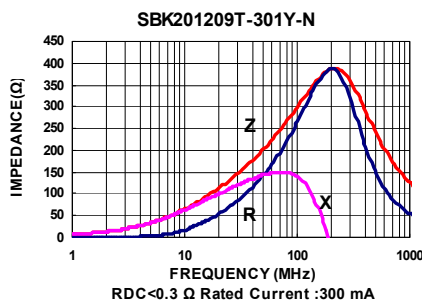
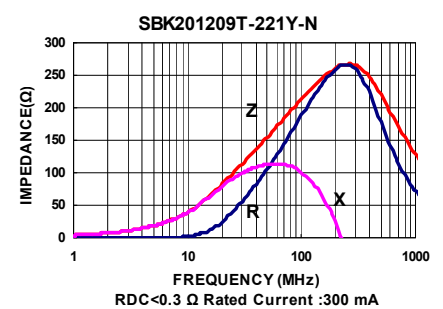
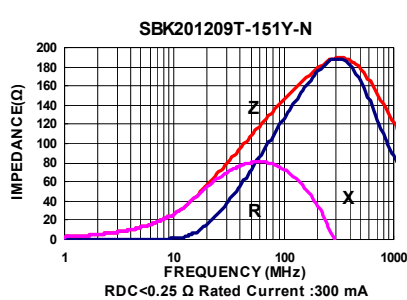
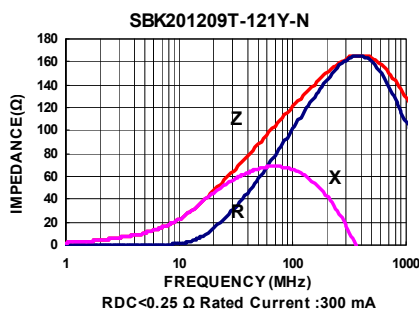
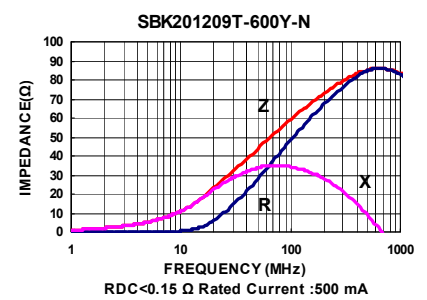
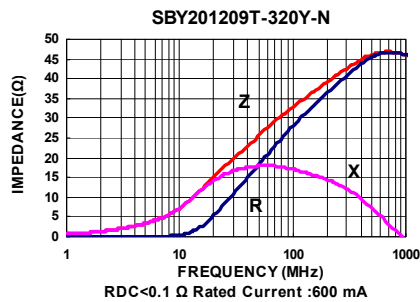
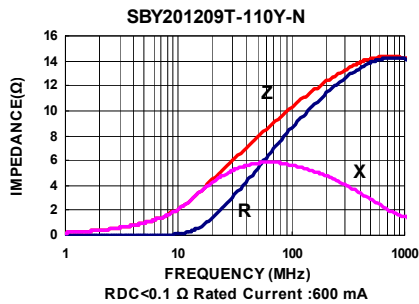


SMD Multilayer Ferrite Chip Beads – SBY,SBK Series

Electrical Characteristics

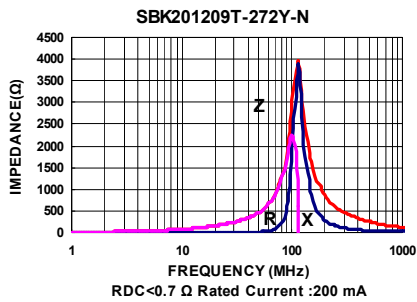
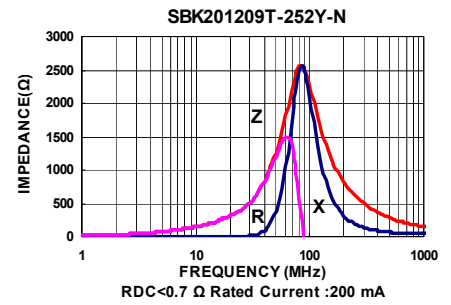
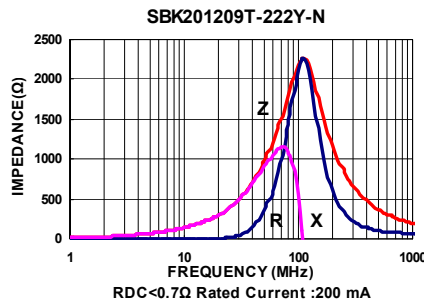
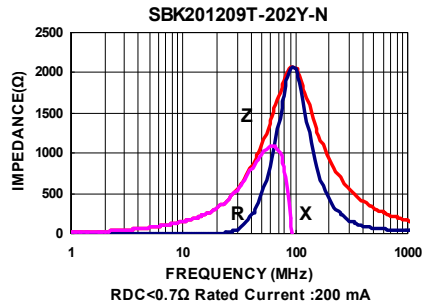
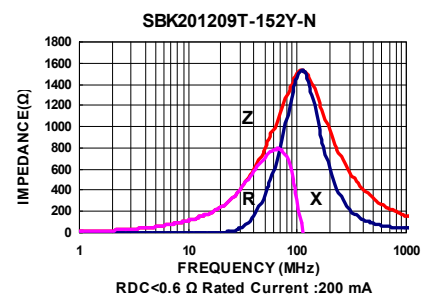
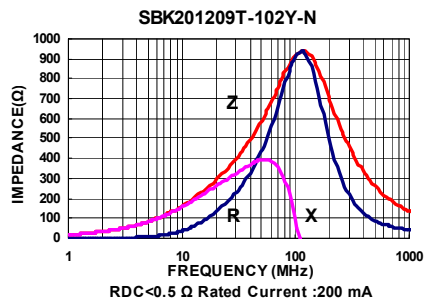
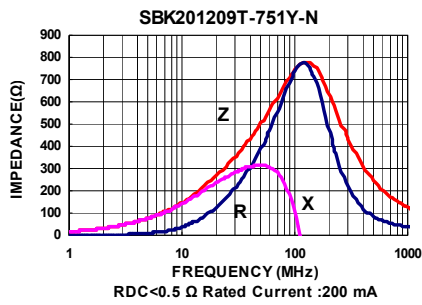
Part Number	Test Frequency (MHz)	Impedance ($\Omega \pm 25\%$)	DC Resistance (Ω) Max	Rated current (mA) Max
SBY201209T-110Y-N	100	11 $\pm 30\%$	0.10	600
SBY201209T-320Y-N	100	32	0.10	600
SBK201209T-600Y-N	100	60	0.15	500
SBK201209T-121Y-N	100	120	0.25	300
SBK201209T-151Y-N	100	150	0.25	300
SBK201209T-221Y-N	100	220	0.30	300
SBK201209T-301Y-N	100	300	0.30	300
SBK201209T-471Y-N	100	470	0.30	300
SBK201209T-601Y-N	100	600	0.40	300
SBK201209T-751Y-N	100	750	0.50	200
SBK201209T-102Y-N	100	1000	0.50	200
SBK201209T-152Y-N	100	1500	0.60	200
SBK201209T-202Y-N	100	2000	0.70	200
SBK201209T-222Y-N	100	2200	0.70	200
SBK201209T-252Y-N	100	2500	0.70	200
SBK201209T-272Y-N	100	2700	0.70	200

Test Instruments : Agilent E4991A Impedance / Material Analyzer



SMD Multilayer Ferrite Chip Beads – SBY,SBK Series

Test Instruments : Agilent E4991A Impedance / Material Analyzer

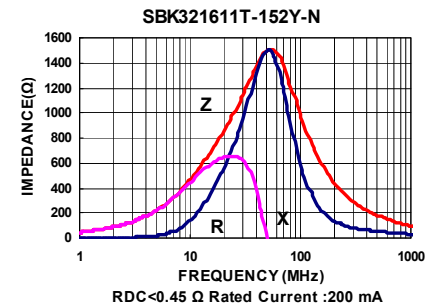
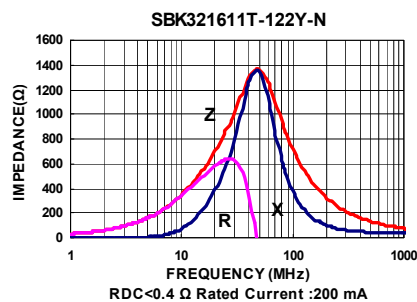
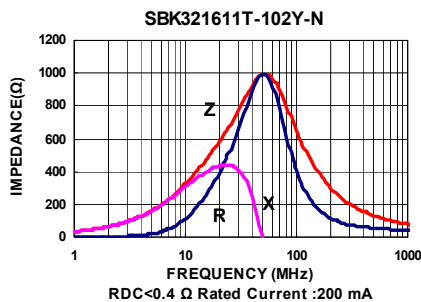
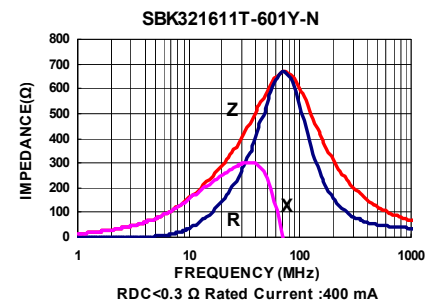
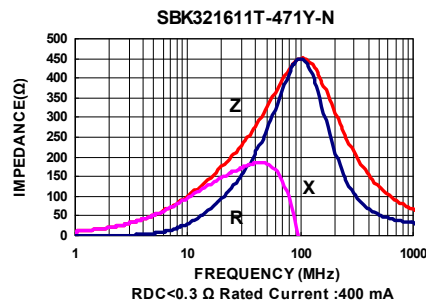
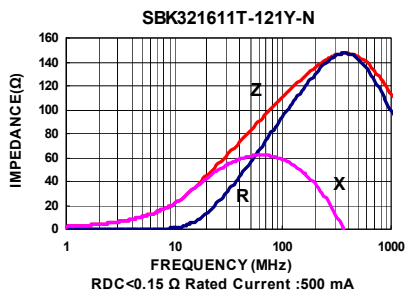
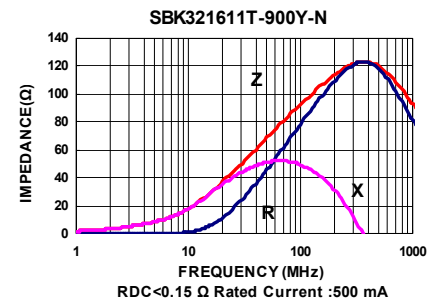
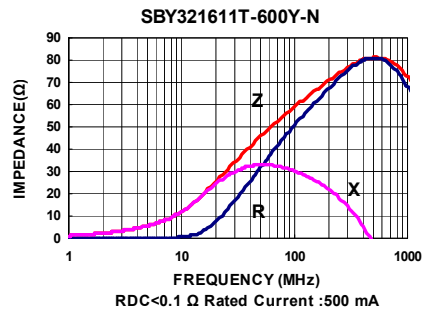
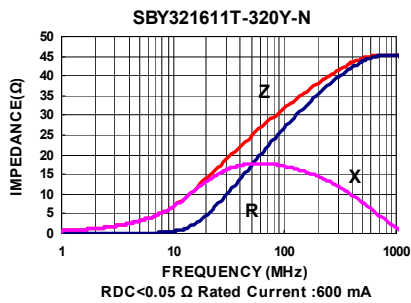


SMD Multilayer Ferrite Chip Beads – SBY,SBK Series

Electrical Characteristics

Part Number	Test Frequency (MHz)	Impedance ($\Omega \pm 25\%$)	DC Resistance (Ω) Max	Rated current (mA) Max
SBY321611T-110Y-N	100	11 $\pm 30\%$	0.05	600
SBY321611T-320Y-N	100	32	0.05	600
SBY321611T-600Y-N	100	60	0.10	500
SBK321611T-900Y-N	100	90	0.15	500
SBK321611T-121Y-N	100	120	0.15	500
SBK321611T-151Y-N	100	150	0.15	500
SBK321611T-471Y-N	100	470	0.20	400
SBK321611T-601Y-N	100	600	0.30	400
SBK321611T-102Y-N	50	1000	0.40	200
SBK321611T-122Y-N	50	1200	0.40	200
SBK321611T-152Y-N	50	1500	0.45	200

Test Instruments : Agilent E4991A Impedance / Material Analyzer

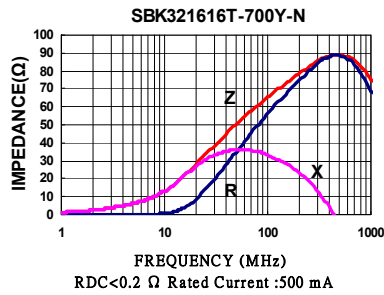
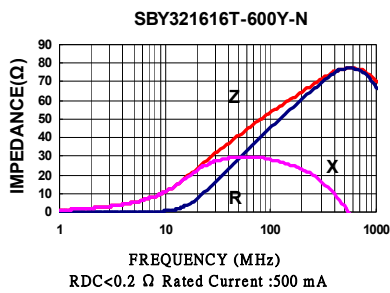


SMD Multilayer Ferrite Chip Beads – SBY,SBK Series

Electrical Characteristics

Part Number	Test Frequency (MHz)	Impedance ($\Omega \pm 25\%$)	DC Resistance (Ω) Max	Rated current (mA) Max
SBY321616T-250Y-N	100	25	0.10	500
SBY321616T-600Y-N	100	60	0.20	500
SBK321616T-700Y-N	100	70	0.20	500

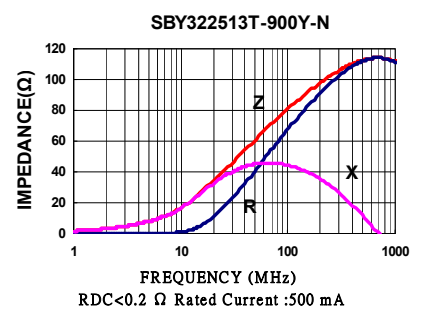
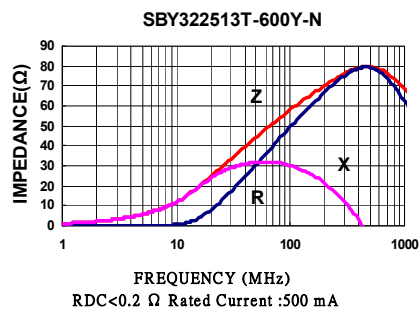
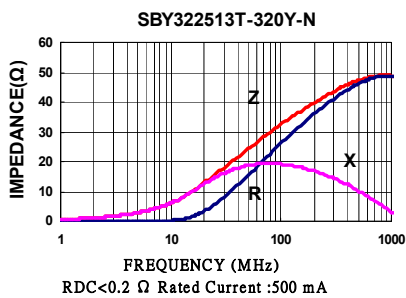
Test Instruments : Agilent E4991A Impedance / Material Analyzer



Electrical Characteristics

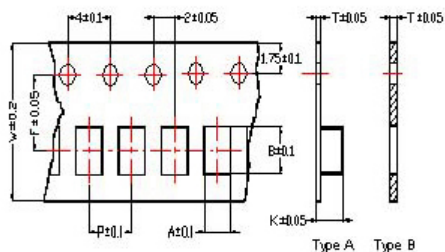
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SBY322513T-320Y-N	100	32	0.20	500
SBY322513T-600Y-N	100	60	0.20	500
SBY322513T-900Y-N	100	90	0.20	500
SBY322513T-121Y-N	100	120	0.20	500

Test Instruments : Agilent E4991A Impedance / Material Analyzer



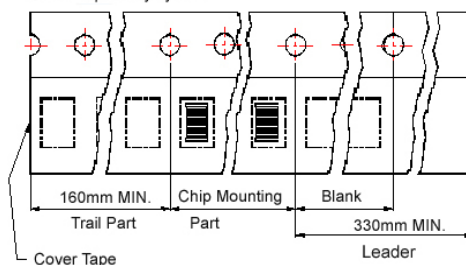
Packaging Specifications

Tape Dimensions

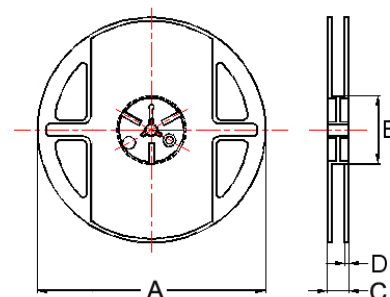


Tape Material

Carrier Tape: Polycarbonate (Tape A)
Carrier Tape: Paper (Tape B)
Cover Tape: Polystyrene



Reel Dimensions



- ① : SB / PB / NB ② : SB / PB / NB / HF ③ : SB / PB
④ : SB / PB / NB / GB / UPB / HF / VPB ⑤ : UPB
⑥ : SB / PB / NB / GB / UPB ⑦ : SB ⑧ : PB / UPB

Dimensions in mm

TYPE	Tape Dimensions								Reel Dimensions				Quantity PCS / REEL
	A	B	T	W	P	F	K	Tape	A	B	C	D	
①060303	0.38	0.67	0.45	8.0	2.0	3.5	-	B	178	60	10	2	15000
②100505	0.65	1.15	0.60	8.0	2.0	3.5	-	B	178	60	12	2	10000
③160808	1.05	1.85	0.95	8.0	4.0	3.5	-	B	178	60	12	2	4000
④201209	1.50	2.30	0.97	8.0	4.0	3.5	-	B	178	60	12	2	4000
⑤201212	1.35	2.25	0.22	8.0	4.0	3.5	1.35	A	178	60	12	2	3000
④321611	1.88	3.50	0.22	8.0	4.0	3.5	1.27	A	178	60	12	2	3000
⑥321616	1.88	3.53	0.22	8.0	4.0	3.5	1.80	A	178	60	12	2	2000
⑦322513	2.77	3.42	0.22	8.0	4.0	3.5	1.55	A	178	60	12	2	2500
⑧451616	1.93	4.95	0.24	12	4.0	5.5	1.93	A	178	60	14	2	2000
⑧453215	3.66	4.95	0.24	12	8.0	5.5	1.85	A	178	60	14	2	1000