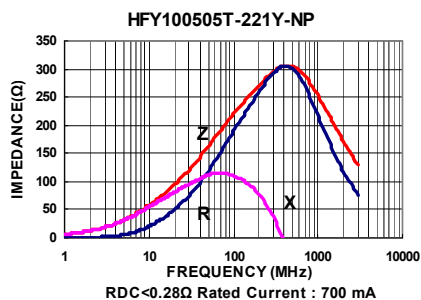
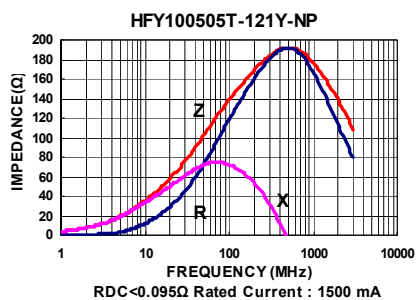


SMD Multilayer Ferrite Chip Beads – HPY,HFY-NP Series

Electrical Characteristics

Part Number	Test Frequency (MHz)	Impedance ($\Omega \pm 25\%$)	Test Frequency (MHz)	Impedance ($\Omega \pm 40\%$)	DC Resistance (Ω) Max	Rated current (mA) Max
HFY100505T-121Y-NP	100	120	1000	150	0.095	1500
HFY100505T-221Y-NP	100	220	1000	270	0.280	700

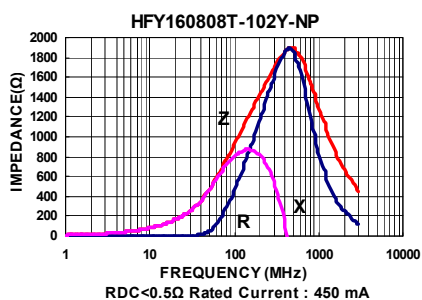
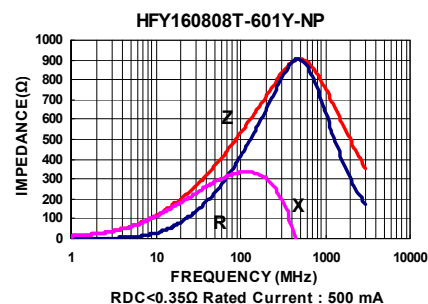
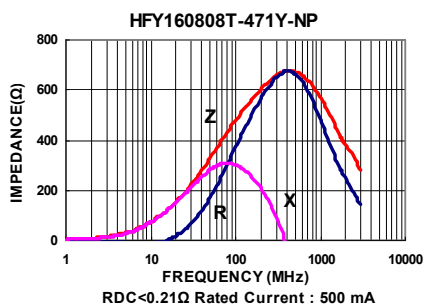
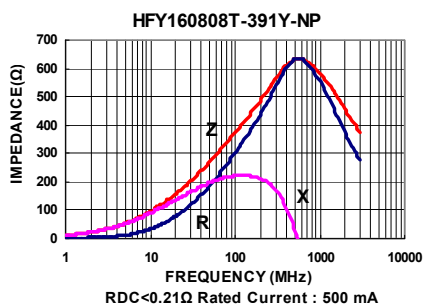
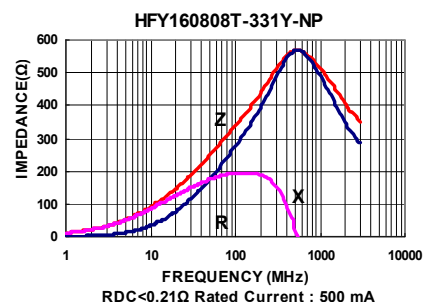
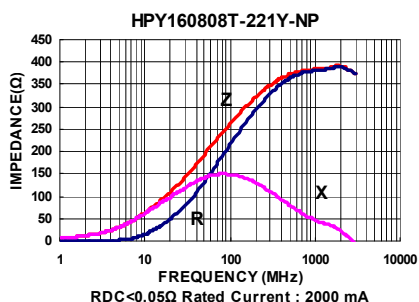
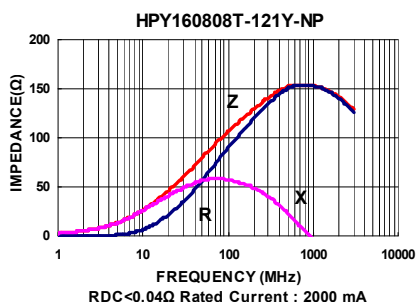
Test Instruments : Agilent E4991A Impedance / Material Analyzer



Electrical Characteristics

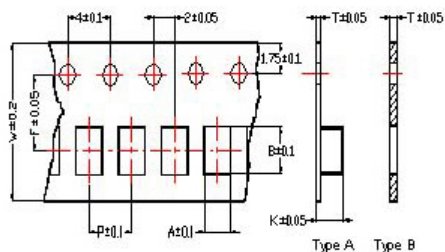
Part Number	Test Frequency (MHz)	Impedance ($\Omega \pm 25\%$)	Test Frequency (MHz)	Impedance (Ω)Typ	DC Resistance (Ω) Max	Rated current (mA) Max
HPY160808T-121Y-NP	100	120	1000	145	0.040	2000
HPY160808T-181Y-NP	100	180	1000	210	0.045	2000
HPY160808T-221Y-NP	100	220	1000	260	0.050	2000
HFY160808T-331Y-NP	100	330	1000	450	0.21	500
HFY160808T-391Y-NP	100	390	1000	520	0.21	500
HFY160808T-471Y-NP	100	470	1000	600	0.21	500
HFY160808T-601Y-NP	100	600	1000	700	0.35	500
HFY160808T-102Y-NP	100	1000	1000	1000	0.50	450

Test Instruments : Agilent E4991A Impedance / Material Analyzer



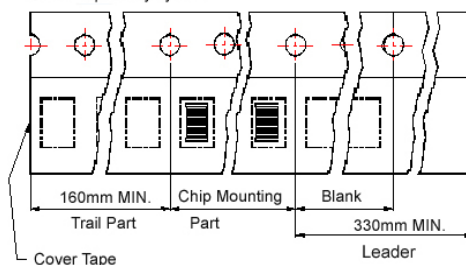
Packaging Specifications

Tape Dimensions

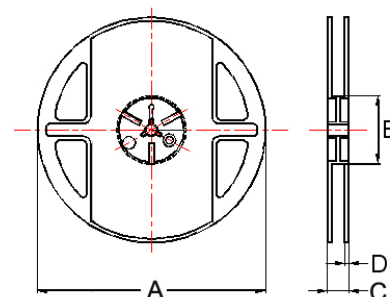


Tape Material

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