



FERRITE CHIP BEADS

FEATURES

- Operating Temperature: -40°C ~ +85°C
- TCBH beads exhibit high resistance at low frequency

APPLICATIONS:

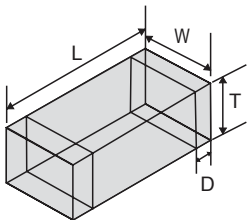
- Portable computer and digital cameras.

ORDER CODE:

TCBH 201209 W 121 T
 ① ② ③ ④ ⑤

① Product Code		② (L × W × T) (mm) Dimensions		③ Material Code	④ (Ω) Impedance		⑤ Packaging Style	
TCBH	HIGH "R" BEADS	100505	1.0 × 0.5 × 0.5	W	110	11	T	Tape & Reel
		160808	1.6 × 0.8 × 0.8		121	120	B	Bulk
		201209	2.0 × 1.2 × 0.9		221	220		
		321609	3.2 × 1.6 × 0.9					

DIMENSIONS: mm (Inches)



Part No.	L	W	T	D
100505 (0402)	1.0±0.15 (0.040±0.006)	0.5±0.15 (0.020±0.006)	0.5±0.15 (0.020±0.006)	0.25±0.10 (0.010±0.004)
160808 (0603)	1.6±0.2 (0.063±0.008)	0.8±0.2 (0.031±0.008)	0.8±0.2 (0.031±0.008)	0.3±0.2 (0.01±0.008)
201209 (0805)	2.0±0.2 (0.079±0.008)	1.2±0.2 (0.047±0.008)	0.9±0.2 (0.035±0.008)	0.5±0.3 (0.020±0.012)
321609 (1206)	3.2±0.2 (0.126±0.008)	1.6±0.2 (0.063±0.008)	0.9±0.2 (0.035±0.008)	0.5±0.3 (0.020±0.012)

FERRITE CHIP BEADS

ELECTRICAL CHARACTERISTICS

TCBH1005

Part No.	Impedance(Ω) @ 100MHz	DCR (Ω)Max	Ir (mA)Max
TCBH100505W310	31 \pm 25%	0.20	300
TCBH100505W600	60 \pm 25%	0.35	200
TCBH100505W800	80 \pm 25%	0.40	200
TCBH100505W121	120 \pm 25%	0.50	150
TCBH100505W181	180 \pm 25%	0.60	150
TCBH100505W301	300 \pm 25%	0.80	100
TCBH100505W501	500 \pm 25%	1.1	100
TCBH100505W601	600 \pm 25%	1.3	100

TCBH1608

Part No.	Impedance(Ω) @100MHz	DCR (Ω)Max	Ir (mA)Max
TCBH160808W800	80 \pm 25%	0.20	300
TCBH160808W121	120 \pm 25%	0.20	200
TCBH160808W181	180 \pm 25%	0.40	200
TCBH160808W221	220 \pm 25%	0.40	200
TCBH160808W301	300 \pm 25%	0.45	150
TCBH160808W601	600 \pm 25%	0.60	100
TCBH160808W801	800 \pm 25%	0.70	100
TCBH160808W102	1000 \pm 25%	0.90	100

TCBH2012

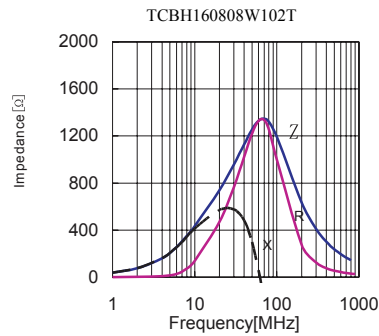
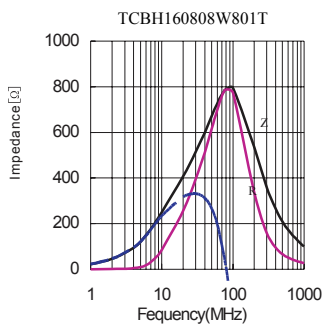
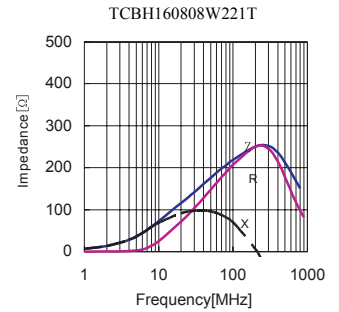
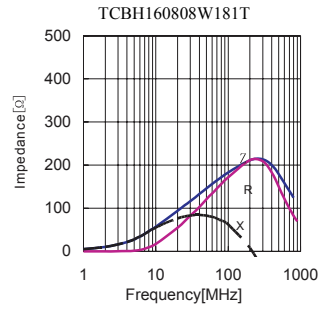
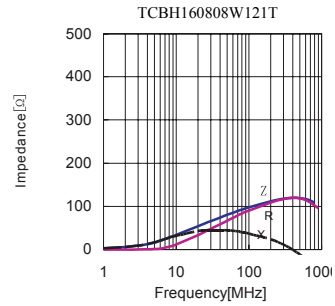
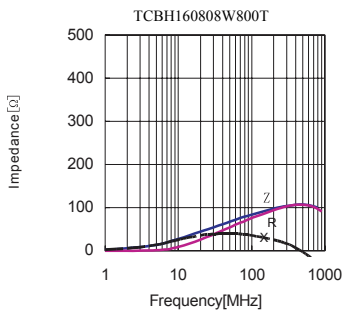
Part No.	Impedance(Ω) @100MHz	DCR (Ω)Max	Ir (mA)Max
TCBH201209W800	80 \pm 25%	0.25	400
TCBH201209W121	120 \pm 25%	0.25	400
TCBH201209W151	150 \pm 25%	0.25	400
TCBH201209W221	220 \pm 25%	0.30	400
TCBH201209W301	300 \pm 25%	0.35	400
TCBH201209W501	500 \pm 25%	0.40	200
TCBH201209W601	600 \pm 25%	0.45	200
TCBH201209W801	800 \pm 25%	0.50	150
TCBH201209W102	1000 \pm 25%	0.60	100

TCBH3216

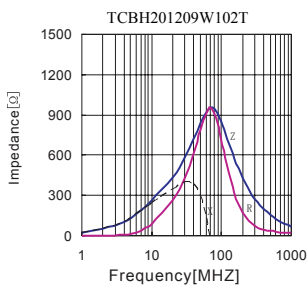
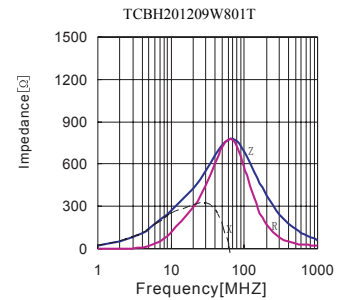
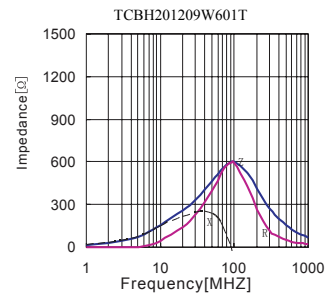
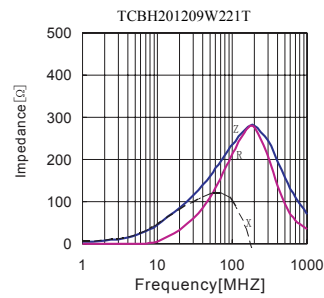
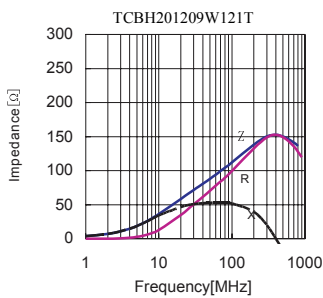
Part No.	Impedance(Ω) @ 100MHz	DCR (Ω)Max	Ir (mA)Max
TCBH321609W260	26 \pm 25%	0.10	1000
TCBH321609W121	120 \pm 25%	0.20	1000
TCBH321609W301	300 \pm 25%	0.25	300
TCBH321609W501	500 \pm 25%	0.30	200
TCBH321609W601	600 \pm 25%	0.35	200
TCBH321609W801	800 \pm 25%	0.50	200

FERRITE CHIP BEADS

TCBH1608 SERIES



TCBH2012 SERIES



FERRITE CHIP BEADS

TCBH3216 SERIES

