



SMD Multilayer Ferrite Chip Beads-HVPB Series

FEATURES

- * Product symbol: HSB, HGB, HPB, HUPB, HNB, HF, HVPB
- * Packaging: T: Tape and Reel; B: Bulk
- * Tolerance: Y = $\pm 25\%$; M = $\pm 20\%$; T: $\pm 30\%$
- * Note: RoHS Compliant

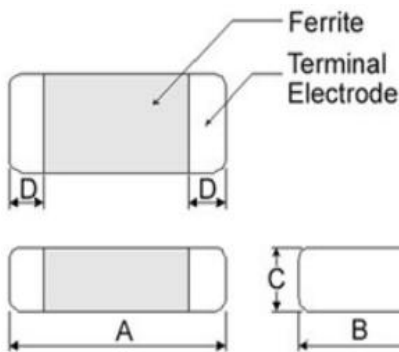


ORDERING CODE(标志示例)

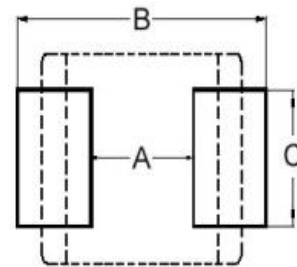
HVPB □□□□ - □□□ □
(1) (2) (3) (4)

- (1) HVPB 向华料号 Part Number
- (2) 尺寸 Dimensions
- (3) 电感量 Inductance
- (4) 电感量公差 Inductance Tolerance

Shape and Dimensions



Recommended Pattern



Dimensions in mm

TYPE	A	B	C	D
①060303	0.6 \pm 0.03	0.30 \pm 0.03	0.3 \pm 0.03	0.15 \pm 0.05
②100505	1.0 \pm 0.10	0.50 \pm 0.10	0.5 \pm 0.10	0.25 \pm 0.10
③160805	1.6 \pm 0.15	0.80 \pm 0.15	0.5 \pm 0.15	0.3 \pm 0.2
④160808	1.6 \pm 0.15	0.80 \pm 0.15	0.8 \pm 0.15	0.3 \pm 0.2
⑤201209	2.0 \pm 0.20	1.25 \pm 0.20	0.9 \pm 0.20	0.5 \pm 0.3
⑥321611	3.2 \pm 0.20	1.60 \pm 0.20	1.1 \pm 0.20	0.5 \pm 0.3

TYPE	A	B	C
①060303	0.2~0.3	0.75~1.05	0.30
②100505	0.40	1.2~1.4	0.50
③160805	0.7~0.8	1.8~2.0	0.6~0.8
④160808	0.7~0.8	1.8~2.0	0.6~0.8
⑤201209	1.0~1.2	2.6~4.0	1.0~1.2
⑥321611	2.00	4.2~5.2	1.20

Dimension Conversion

Code	Dimension in mm (A×B×C)	EIA
060303	0.6X0.3X0.3	0201
100505	1.0X0.5X0.5	0402
160805	1.6X0.8X0.5	0603
160808	1.6X0.8X0.8	0603
201209	2.0X1.2X0.9	0805
321611	3.2X1.6X1.1	1206



SMD Multilayer Ferrite Chip Beads-HVPB160808 Series

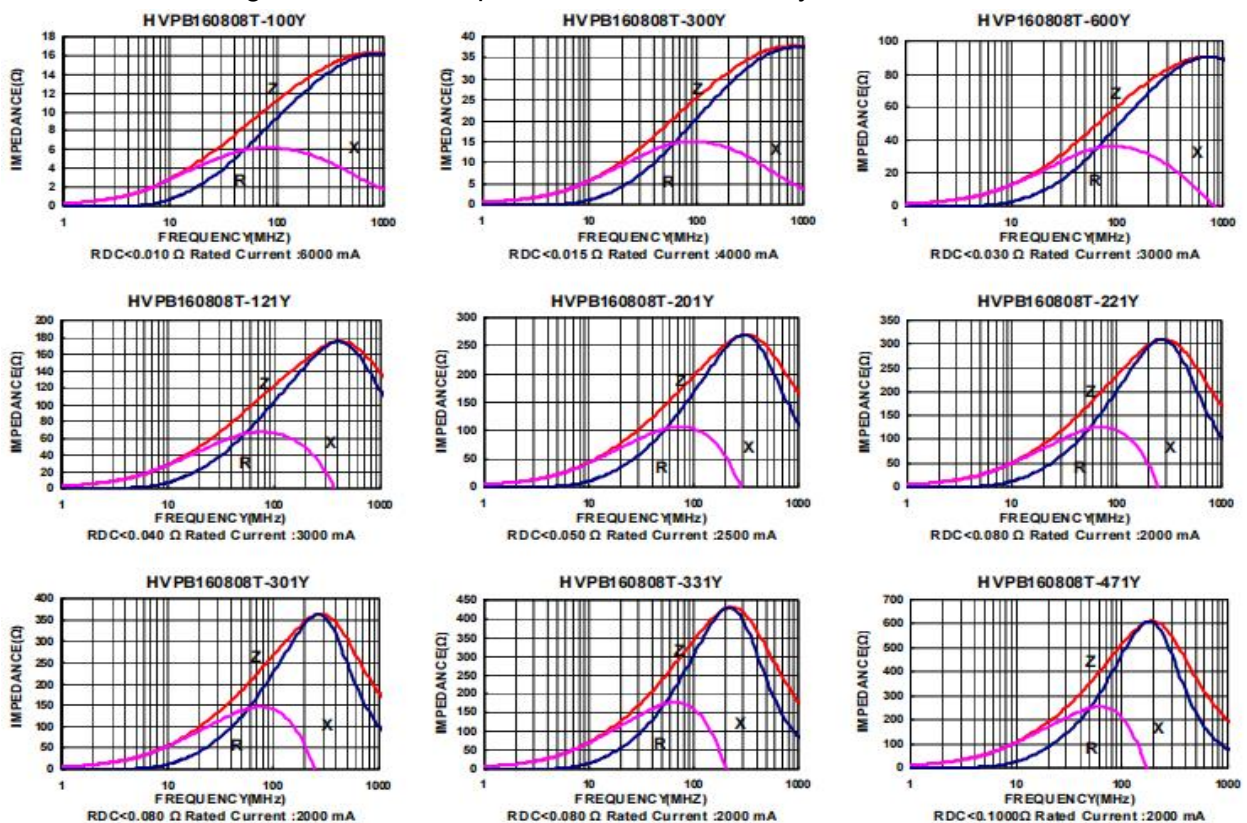
HPVB160808 series Electrical Characteristics

Part No.	Impedance (Ω)	Tolerance ($\pm\%$)	Test Freq. (MHz)	RDC (Ω)Max	Rated current (mA)Max
HVPB160808T-100Y	10	25	100	0.010	6000
HVPB160808T-300Y	30	25	100	0.015	4000
HVPB160808T-600Y	60	25	100	0.030	3000
HVPB160808T-121Y	120	25	100	0.040	3000
HVPB160808T-201Y	200	25	100	0.050	2500
HVPB160808T-201Y	220	25	100	0.080	2000
HVPB160808T-301Y	300	25	100	0.080	2000
HVPB160808T-331Y	330	25	100	0.080	2000
HVPB160808T-471Y	470	25	100	0.100	2000
HVPB160808T-601Y	600	25	100	0.100	2000

Note: When ordering, please specify tolerance code. Tolerance : Y= $\pm 25\%$

- Operating temperature range $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (Including self - temperature rise)
- Rate Current: Applied the current to coils, the temperature rise shall not be more than 30°C

Test Instruments: Agilent E4991A Impedance / Material Analyzer

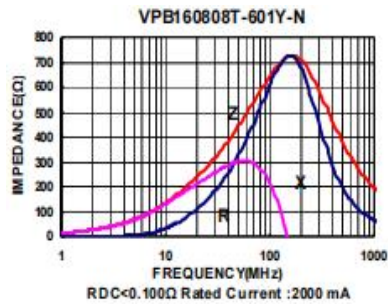


Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without advance notice. Please contact our sales department before ordering.



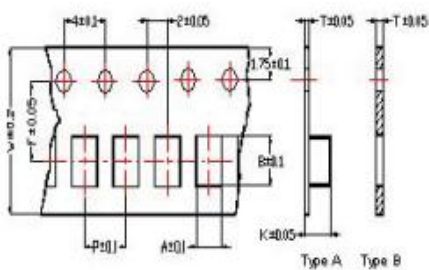
SMD Multilayer Ferrite Chip Beads-HVPB Series

Test Instruments: Agilent E4991A Impedance / Material Analyzer

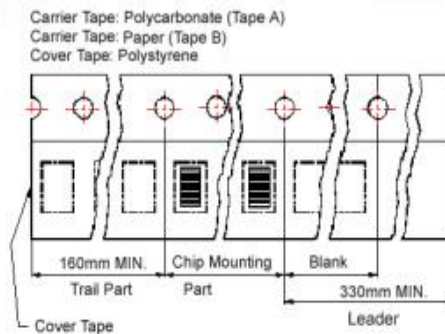


Packaging Specifications

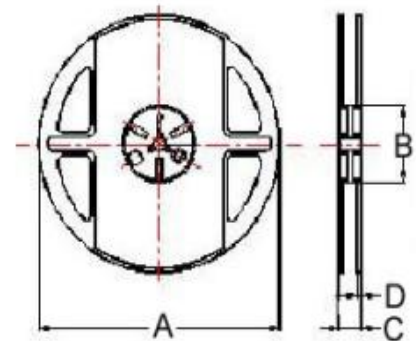
Tape Dimensions



Tape Material



Reel Dimensions



Dimensions in mm

TYPE	Tape Dimensions								Reel Dimensions				Quantity PCS/REEL
	A	B	T	W	P	F	K	Tape	A	B	C	D	
160808	1.05	1.85	0.95	8.0	4.0	3.5	--	B	178	60	12	2	4000