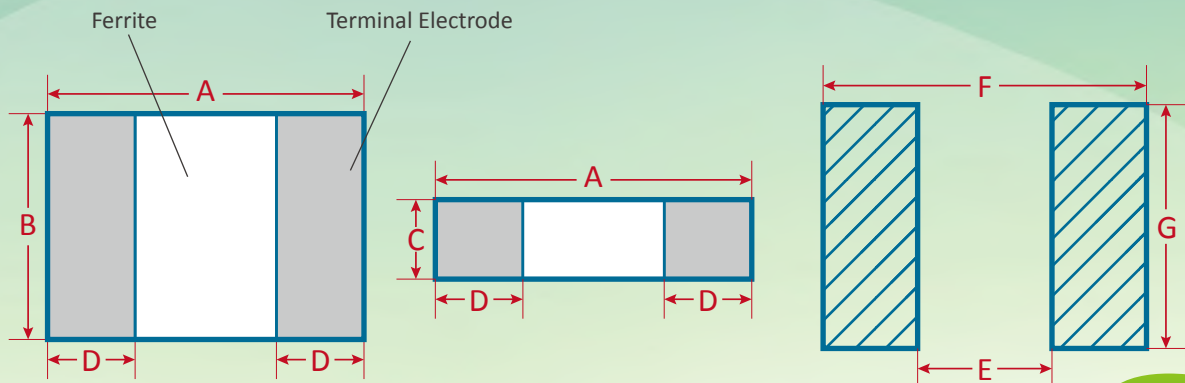


WBH Series

Multilayer Ferrite Chip Beads

Shape and Dimensions(mm):



Item	A	B	C	D	E	F	G
WBH01	0.6±0.03	0.3±0.03	0.3±0.03	0.15±0.05	0.3 Typ.	1.05 Typ.	0.3 Typ.

WBH01

Part No.	Z(Ω)	Test Freq. (200mV)	DCR(mΩ) Max.	Irms(A) Max.	Tolerance (±%)
WBH01YT100	10	100 MHz	50	1.0	25
WBH01YT220	22	100 MHz	65	1.0	25
WBH01YT330	33	100 MHz	90	0.75	25
WBH01YT470	47	100 MHz	120	0.5	25
WBH01YT800	80	100 MHz	180	0.5	25
WBH01YT121	120	100 MHz	230	0.45	25
WBH01YT241	240	100 MHz	400	0.35	25
WBH01YT331	330	100 MHz	500	0.3	25

Ordering information

WBH - 01 - Y - T - 100

(1) (2) (3) (4) (5)

- (1) Type : Surface Mountable Type
- (2) Size : 01(0201) is size
- (3) Tolerance : Y=25%
- (4) Packaging style : Taping Reel
- (5) Impedance : 100 for 10Ω, 121 for 120Ω...

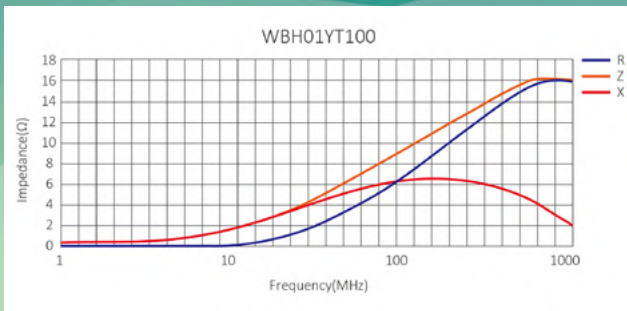
Characteristics

- Rate Current : Applied the current to coils, the temperature rise shall not be more than 30°C
- Operating temperature :-55°C to 125°C

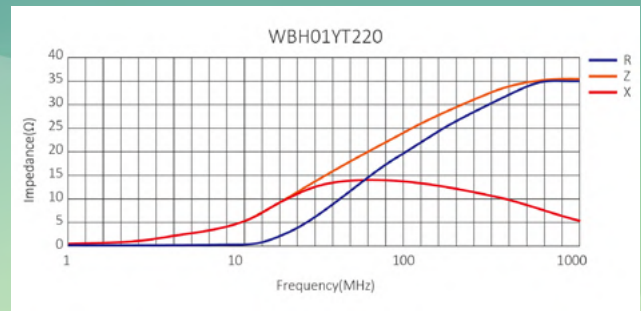
Test equipment

- Z : HP4291A
- DCR : HP4338B or CHEN HWA 502

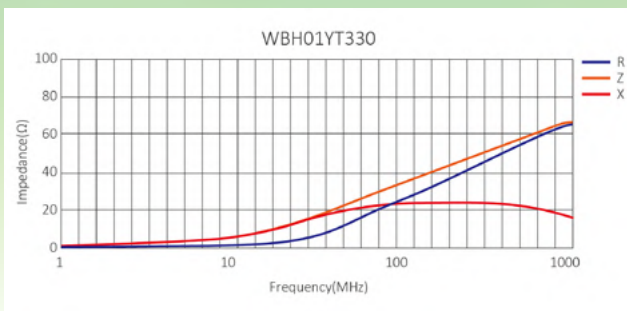
WBH01YT100



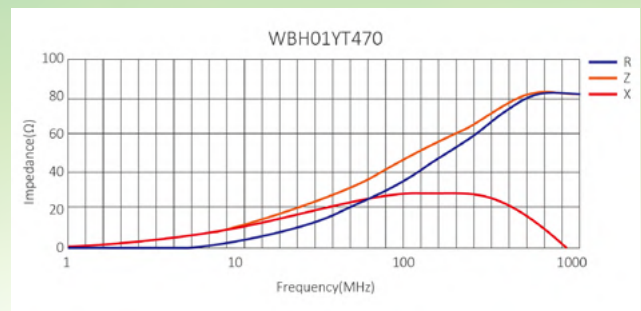
WBH01YT220



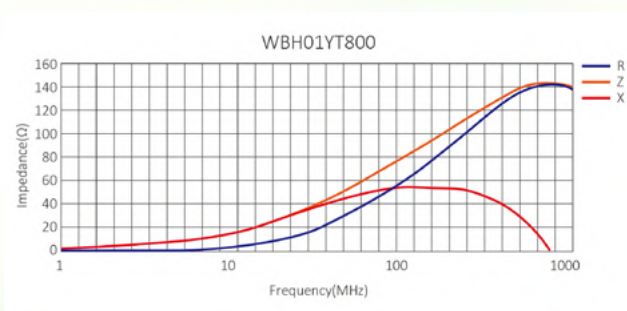
WBH01YT330



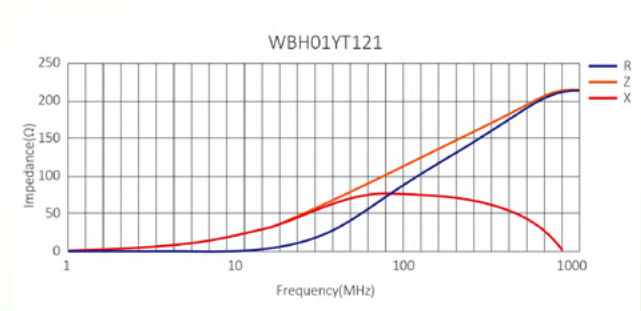
WBH01YT470



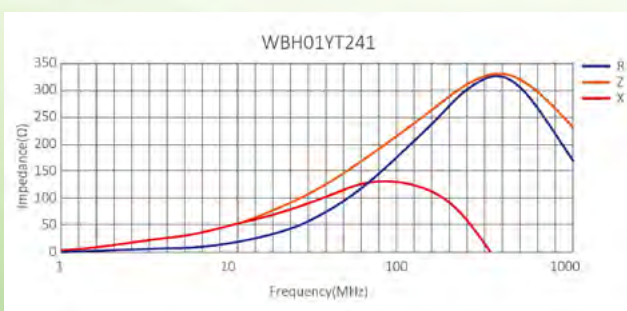
WBH01YT800



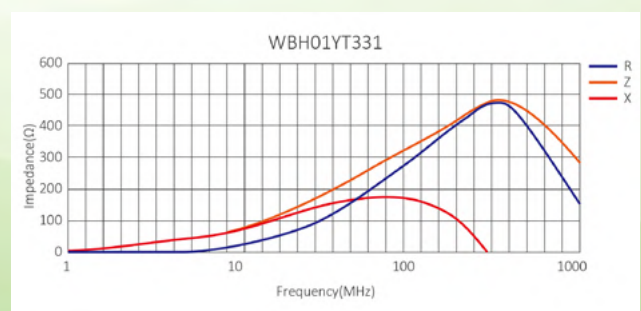
WBH01YT121



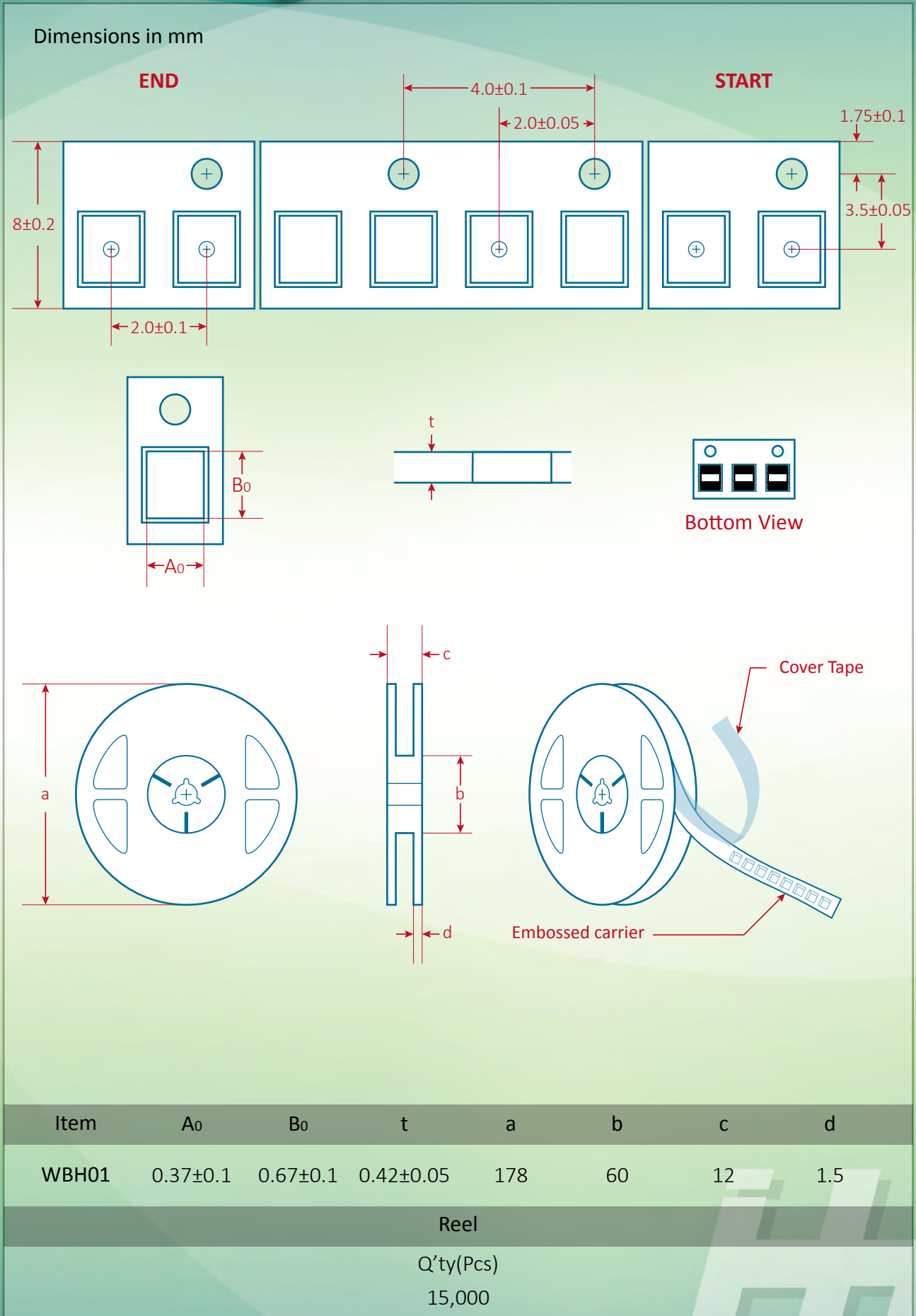
WBH01YT241



WBH01YT331



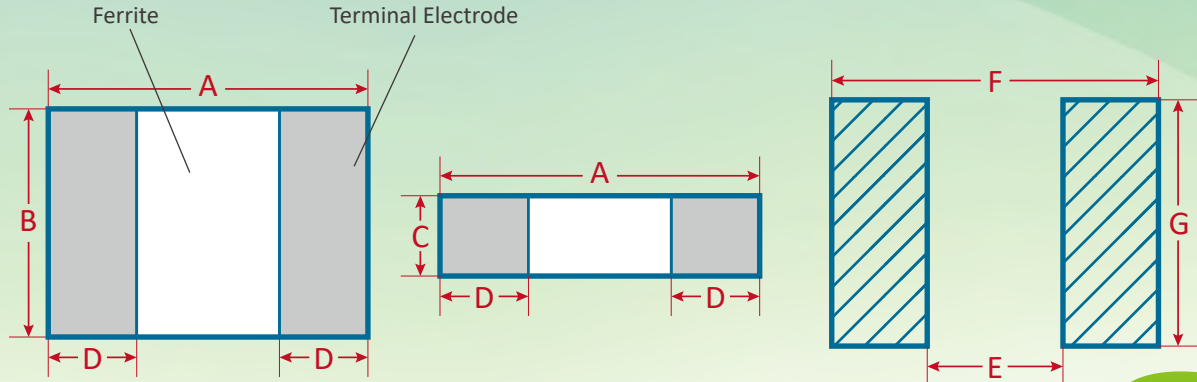
Packing



WBH Series

Multilayer Ferrite Chip Beads

Shape and Dimensions(mm):



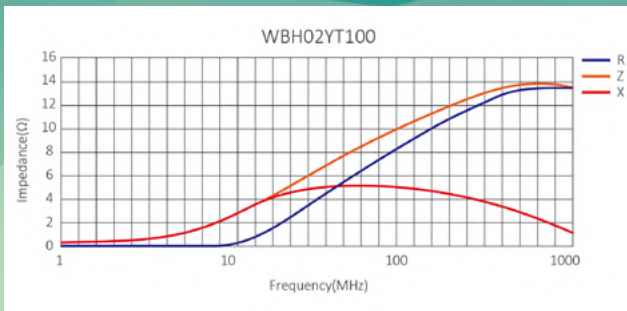
RoHS

Item	A	B	C	D	E	F	G
WBH02	1.0±0.1	0.5±0.1	0.5±0.1	0.25±0.15	0.4 Typ.	1.4 Typ.	0.5 Typ.
WBH02-B	1.0±0.1	0.5±0.1	0.5±0.1	0.25±0.15	0.4 Typ.	1.4 Typ.	0.5 Typ.

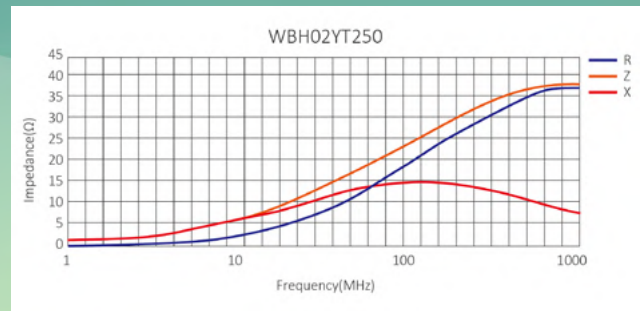
WBH02

Part No.	Z(Ω)	Test Freq. (200mV)	DCR(mΩ) Max.	I _{rms} (A) Max.	Tolerance (±%)
WBH02YT100	10	100 MHz	30	2.0	25
WBH02YT250	25	100 MHz	50	1.7	25
WBH02YT300	30	100 MHz	50	1.7	25
WBH02YT320	32	100 MHz	50	1.7	25
WBH02YT400	40	100 MHz	75	1.5	25
WBH02YT500	50	100 MHz	75	1.5	25
WBH02YT600	60	100 MHz	75	1.5	25
WBH02YT680	68	100 MHz	90	1.2	25
WBH02YT700	70	100 MHz	90	1.2	25
WBH02YT800	80	100 MHz	90	1.2	25
WBH02YT101	100	100 MHz	90	1.2	25
WBH02YT121	120	100 MHz	90	1.4	25
WBH02YT151	150	100 MHz	140	1.4	25
WBH02YT181	180	100 MHz	140	0.9	25
WBH02YT221	220	100 MHz	180	1.1	25
WBH02YT601	600	100 MHz	340	0.7	25
WBH02YT102	1000	100 MHz	490	0.5	25

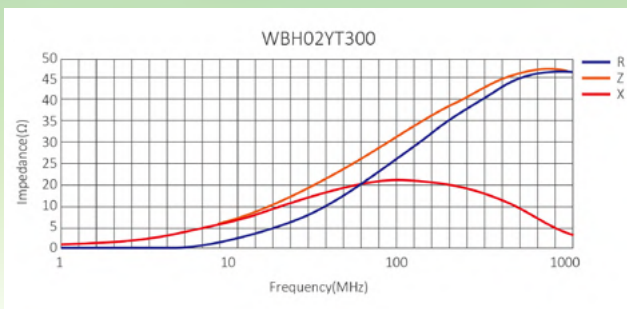
WBH02YT100



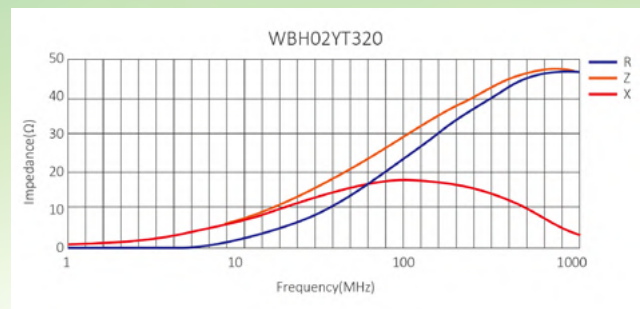
WBH02YT250



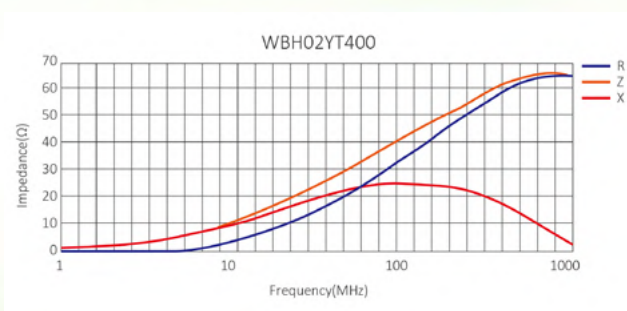
WBH02YT300



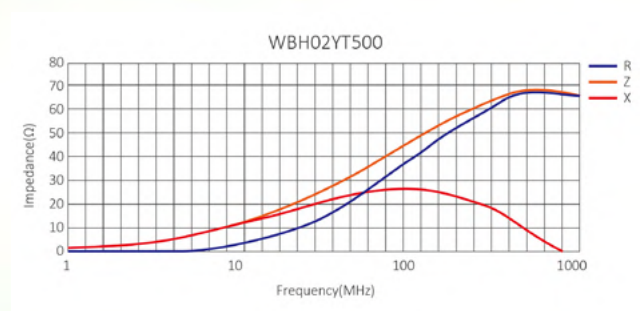
WBH02YT320



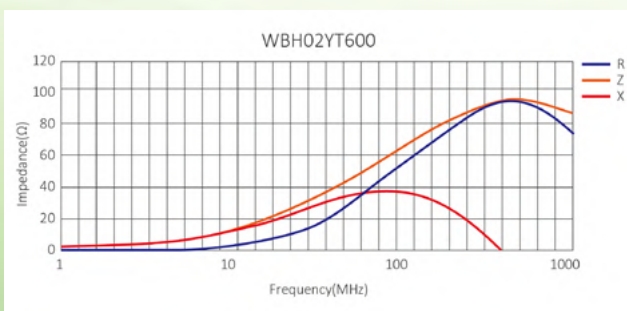
WBH02YT400



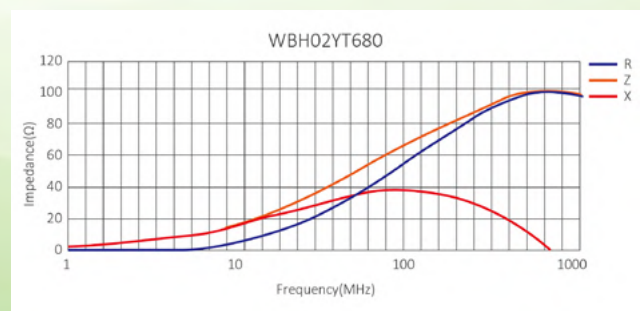
WBH02YT500



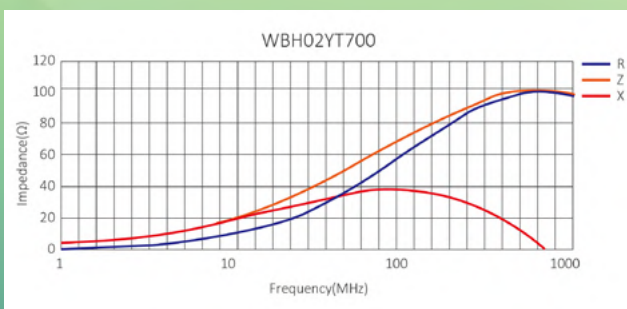
WBH02YT600



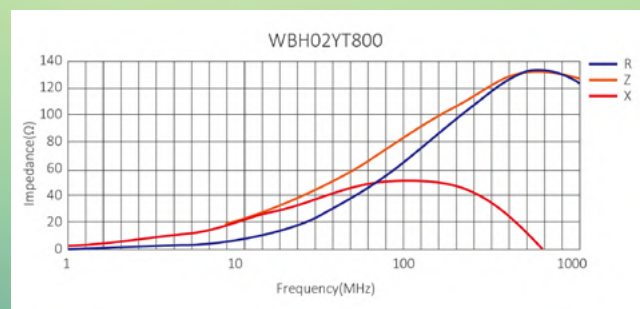
WBH02YT680



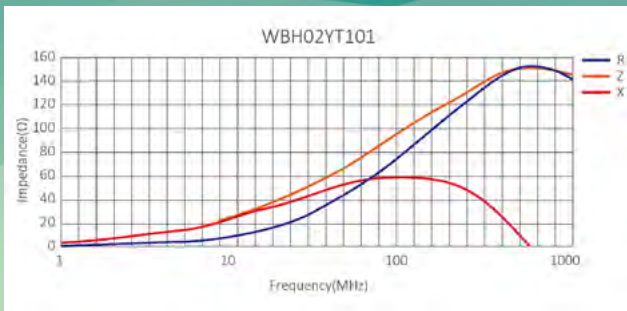
WBH02YT700



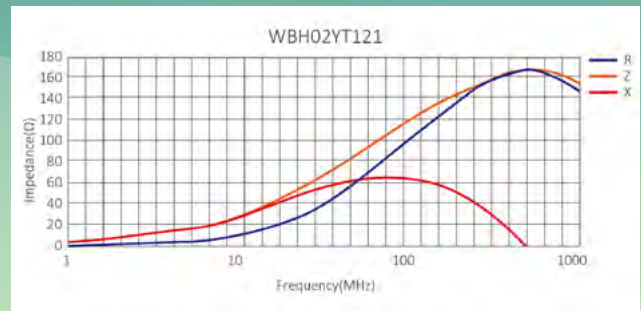
WBH02YT800



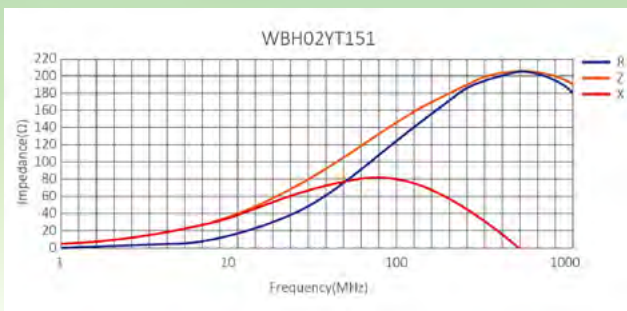
WBH02YT101



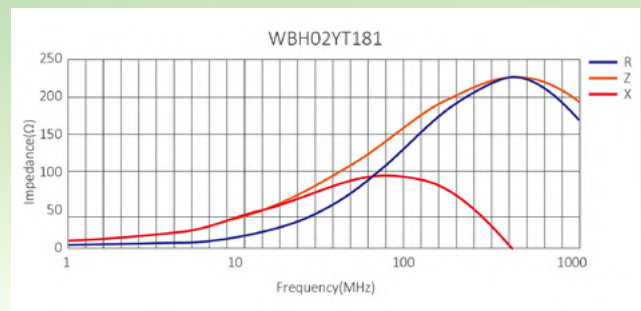
WBH02YT121



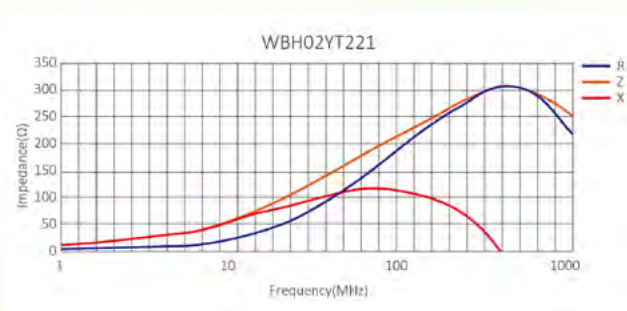
WBH02YT151



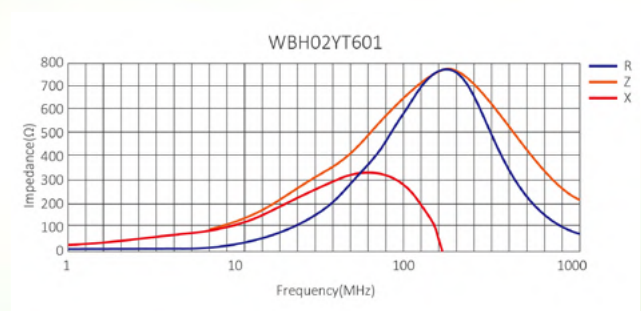
WBH02YT181



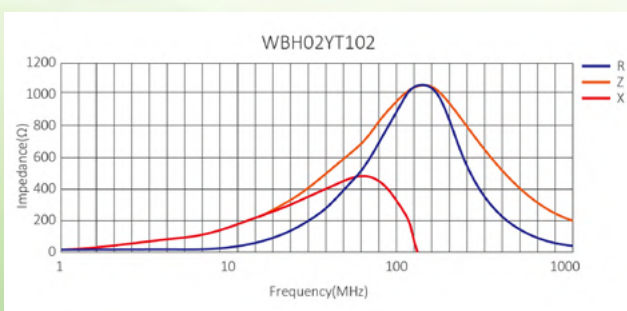
WBH02YT221



WBH02YT601



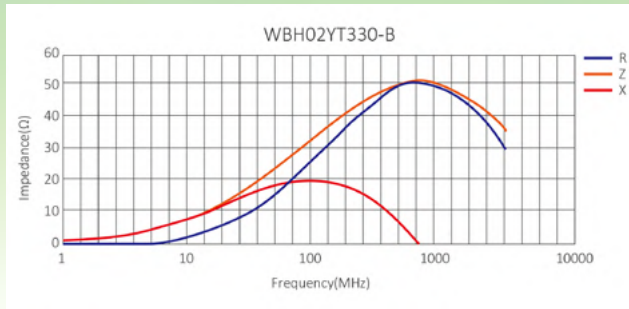
WBH02YT102



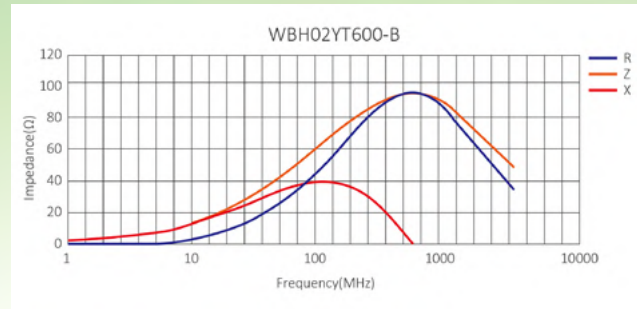
WBH02-B

Part No.	Z(Ω)	Test Freq. (200mV)	DCR(m Ω) Max.	Irms(A) Max.	Tolerance (\pm %)
WBH02YT330-B	33	100 MHz	22	3.0	25
WBH02YT600-B	60	100 MHz	32	2.5	25
WBH02YT800-B	80	100 MHz	38	2.3	25
WBH02YT121-B	120	100 MHz	55	2.0	25
WBH02YT181-B	180	100 MHz	90	1.5	25
WBH02YT221-B	220	100 MHz	100	1.4	25
WBH02YT331-B	330	100 MHz	150	1.2	25
WBH02YT471-B	470	100 MHz	200	1.0	25

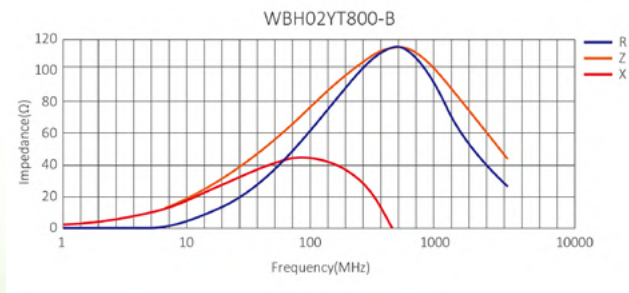
WBH02YT330-B



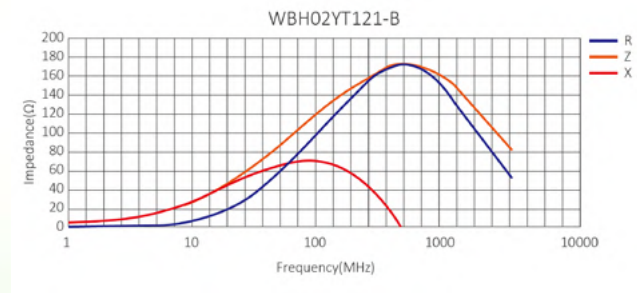
WBH02YT600-B



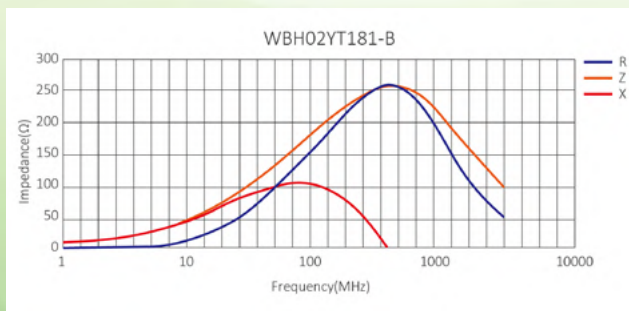
WBH02YT800-B



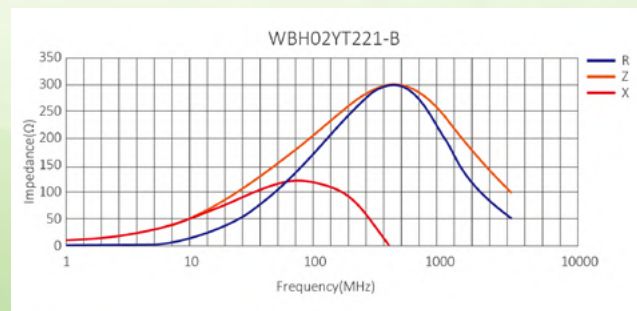
WBH02YT121-B



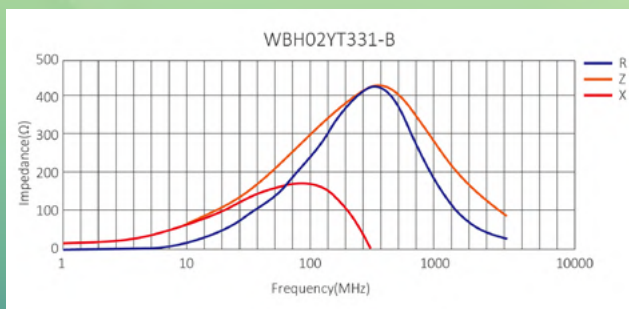
WBH02YT181-B



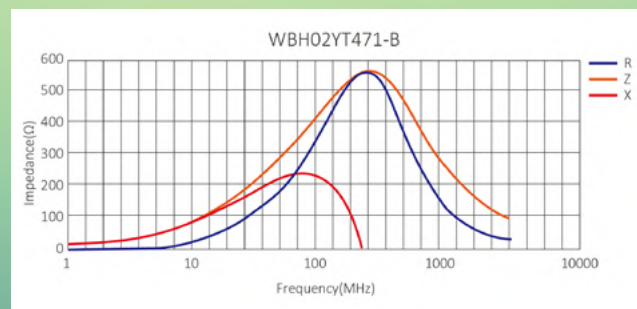
WBH02YT221-B



WBH02YT331-B



WBH02YT471-B



Ordering information

WBH - 02 - Y - T - 100

(1) (2) (3) (4) (5)

- (1) Type : Surface Mountable Type
- (2) Size : 02(0402) is size
- (3) Tolerance : Y=25%
- (4) Packaging style : Taping Reel
- (5) Impedance : 100 for 10Ω, 121 for 120Ω, 102 for 1000Ω...

Characteristics

- Rate Current : Applied the current to coils, the temperature rise shall not be more than 30°C
- Operating temperature : -55°C to 125°C

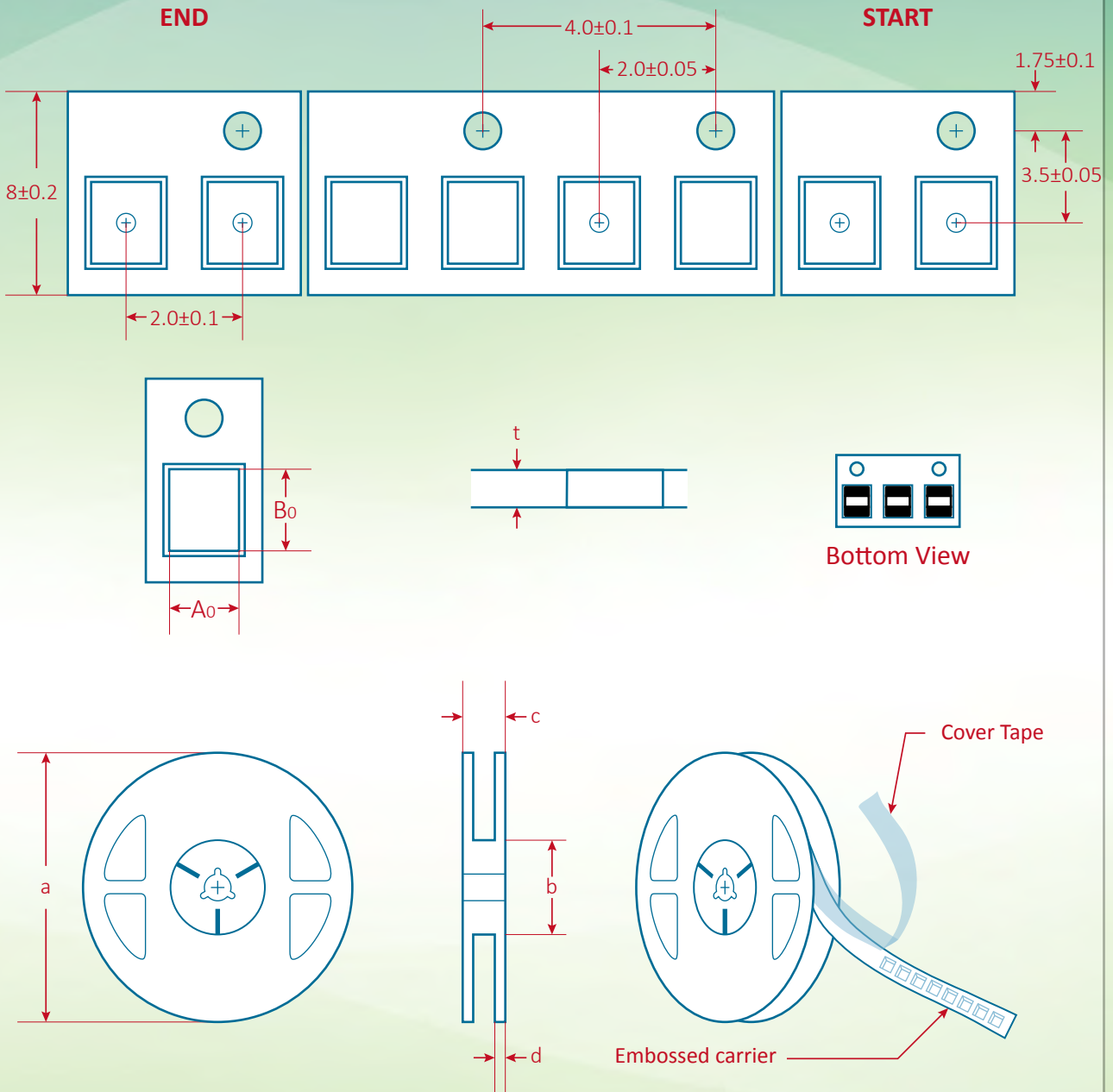
Test equipment

- Z : HP4291A
- DCR : HP4338B or CHEN HWA 502



Packing

Dimensions in mm

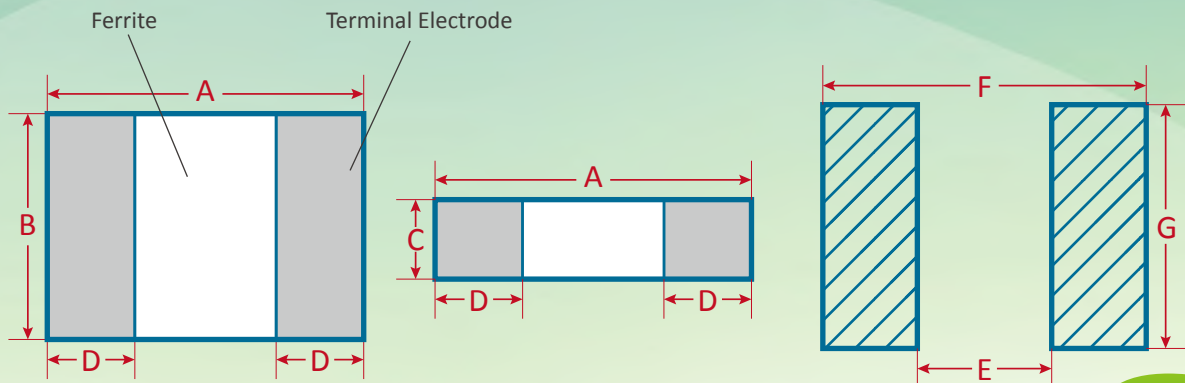


Item	A ₀	B ₀	t	a	b	c	d
WBH02	0.62±0.1	1.12±0.1	0.6±0.05	178	60	12	1.5
WBH02-B	0.62±0.1	1.12±0.1	0.6±0.05	178	60	12	1.5
		Reel					Reel
WBH02		Q'ty(Pcs) 10,000			WBH02-B		Q'ty(Pcs) 10,000

WBH Series

Multilayer Ferrite Chip Beads

Shape and Dimensions(mm):



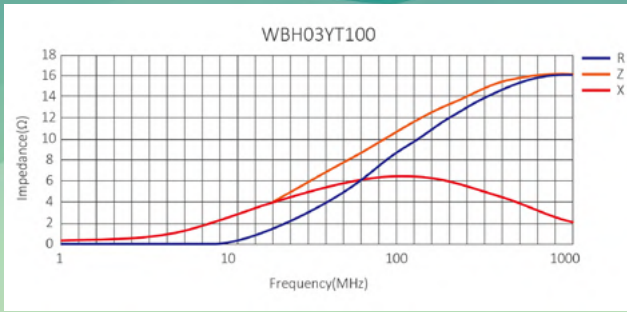
RoHS

Item	A	B	C	D	E	F	G
WBH03	1.6±0.15	0.8±0.15	0.8±0.15	0.3±0.2	0.8 Typ.	2.0 Typ.	0.8 Typ.
WBH03-B	1.6±0.15	0.8±0.15	0.8±0.15	0.3±0.2	0.8 Typ.	2.0 Typ.	0.8 Typ.
WBH03N-B	1.6±0.15	0.8±0.15	0.5±0.15	0.3±0.2	0.8 Typ.	2.0 Typ.	0.8 Typ.

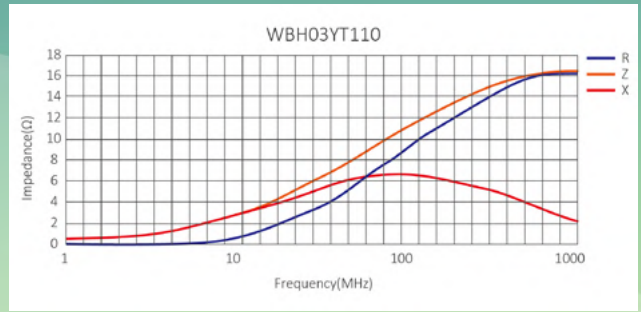
WBH03

Part No.	Z(Ω)	Test Freq. (200mV)	DCR(mΩ) Max.	I _{rms} (A) Max.	Tolerance (±%)
WBH03YT100	10	100 MHz	20	4.0	25
WBH03YT110	11	100 MHz	20	4.0	25
WBH03YT300	30	100 MHz	30	3.0	25
WBH03YT330	33	100 MHz	35	3.0	25
WBH03YT400	40	100 MHz	35	3.0	25
WBH03YT600	60	100 MHz	40	3.0	25
WBH03YT800	80	100 MHz	50	2.5	25
WBH03YT101	100	100 MHz	50	2.5	25
WBH03YT121	120	100 MHz	80	2.5	25
WBH03YT151	150	100 MHz	85	2.0	25
WBH03YT181	180	100 MHz	90	2.0	25
WBH03YT221	220	100 MHz	100	2.0	25
WBH03YT301	300	100 MHz	120	1.5	25
WBH03YT331	330	100 MHz	120	1.5	25
WBH03YT471	470	100 MHz	150	1.5	25
WBH03YT601	600	100 MHz	200	1.0	25
WBH03YT102	1000	100 MHz	250	0.8	25
WBH03YT122	1200	100 MHz	250	0.8	25
WBH03YT152	1500	100 MHz	400	0.5	25

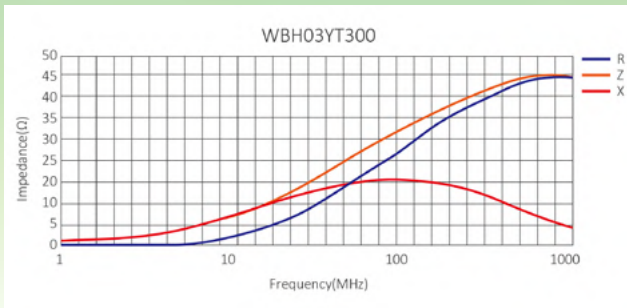
WBH03YT100



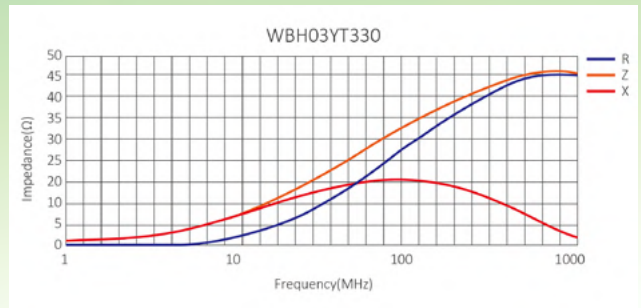
WBH03YT110



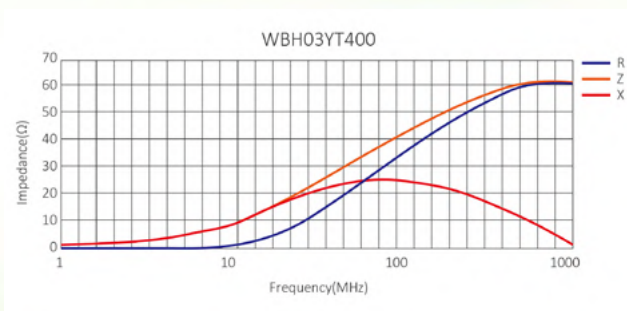
WBH03YT300



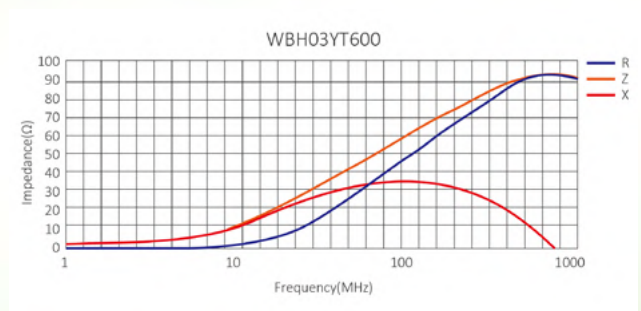
WBH03YT330



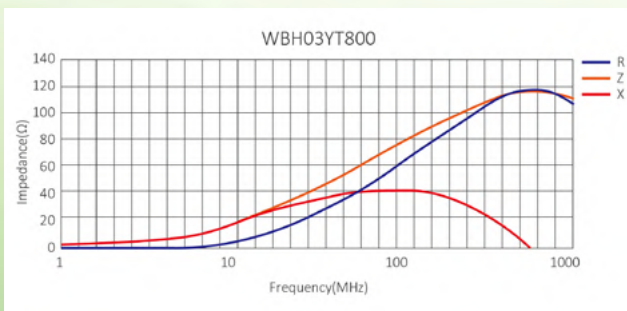
WBH03YT400



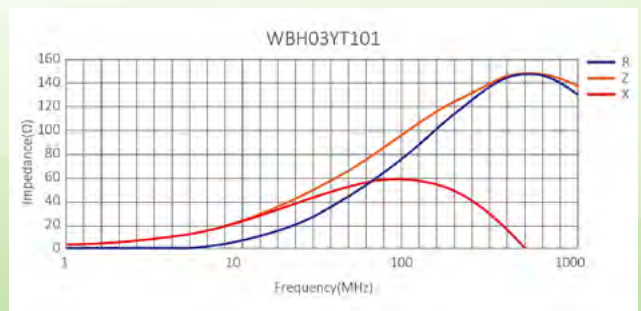
WBH03YT600



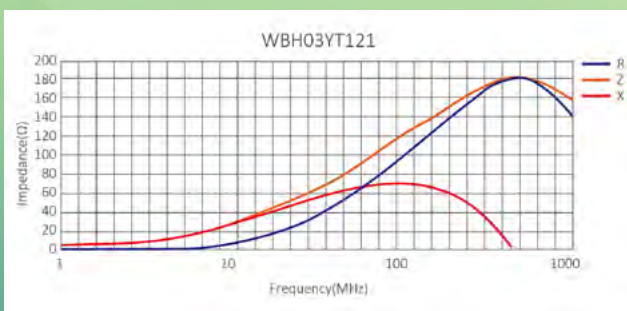
WBH03YT800



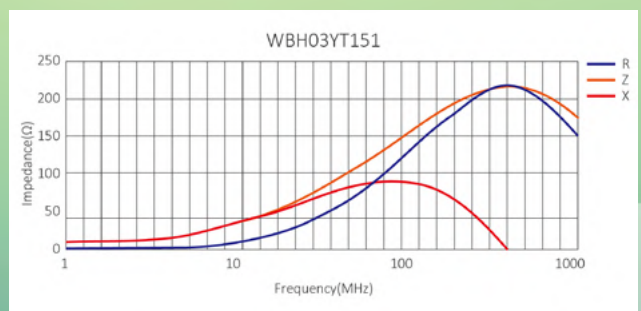
WBH03YT101



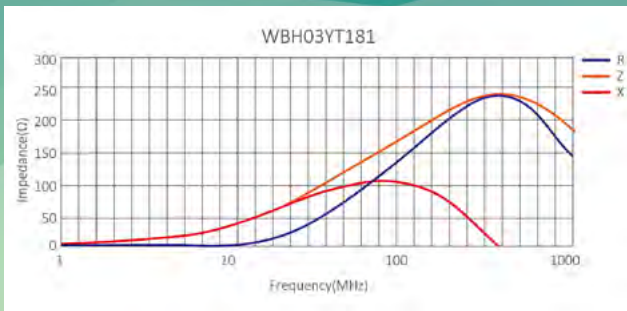
WBH03YT121



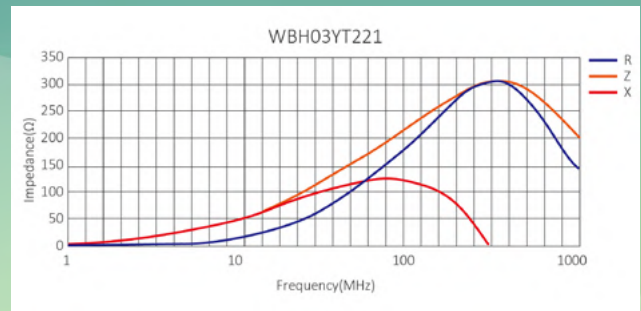
WBH03YT151



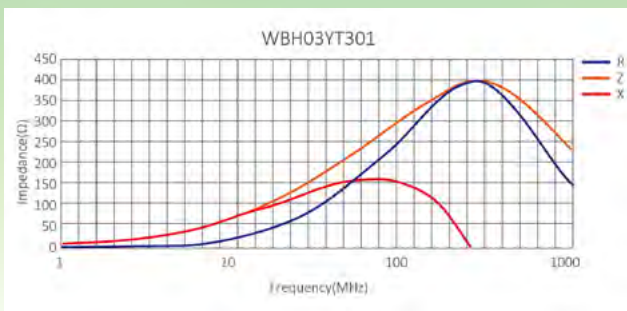
WBH03YT181



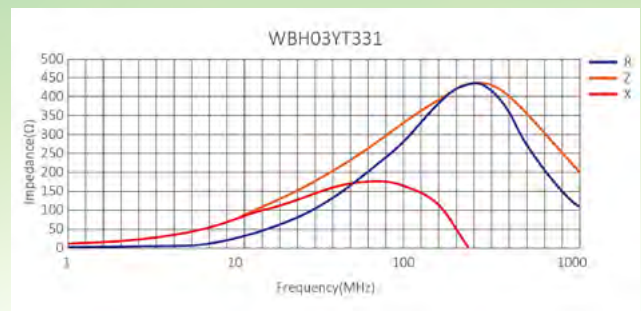
WBH03YT221



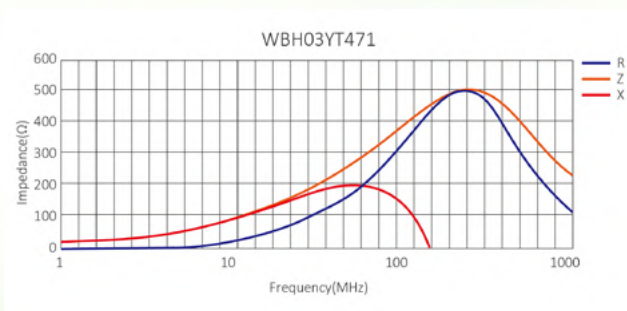
WBH03YT301



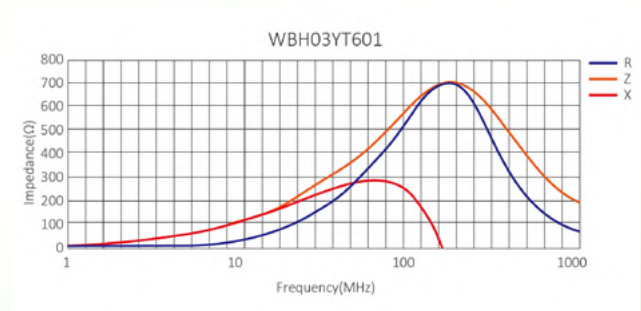
WBH03YT331



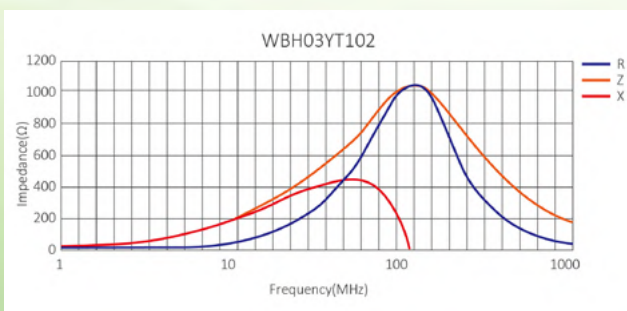
WBH03YT471



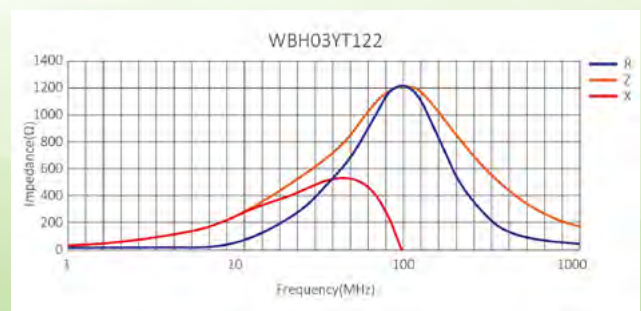
WBH03YT601



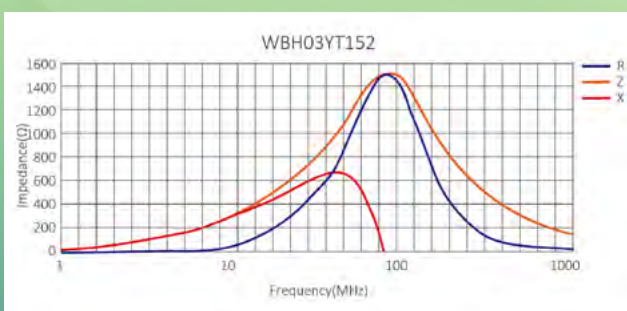
WBH03YT102



WBH03YT122



WBH03YT152



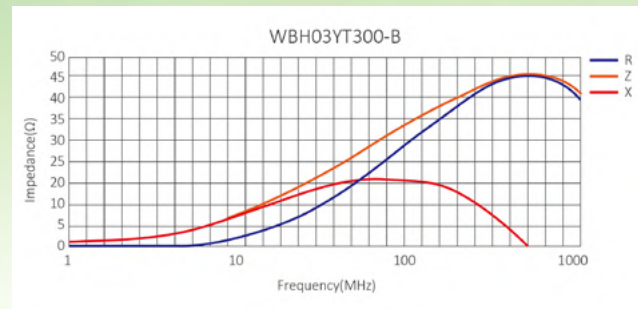
WBH03-B

Part No.	Z(Ω)	Test Freq. (200mV)	DCR(m Ω) Max.	I _{rms} (A) Max.	Tolerance (\pm %)
WBH03YT100-B	10	100 MHz	10	5.0	25
WBH03YT300-B	30	100 MHz	15	4.5	25
WBH03YT600-B	60	100 MHz	20	4.0	25
WBH03YT700-B	70	100 MHz	20	4.0	25
WBH03YT101-B	100	100 MHz	30	3.0	25
WBH03YT121-B	120	100 MHz	30	3.0	25
WBH03YT181-B	180	100 MHz	50	2.0	25
WBH03YT221-B	220	100 MHz	40	2.5	25

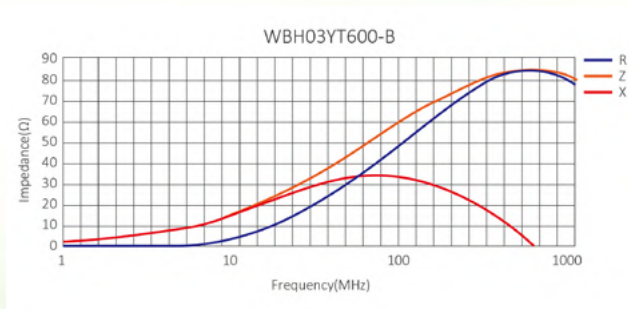
WBH03YT100-B



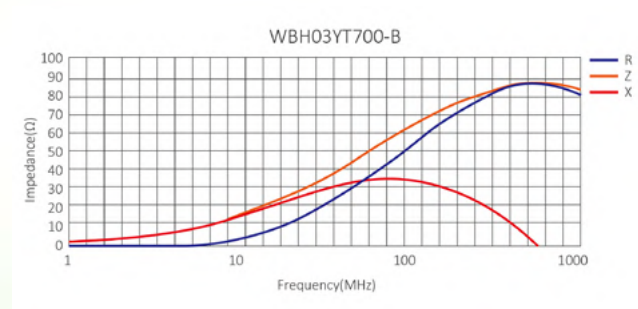
WBH03YT300-B



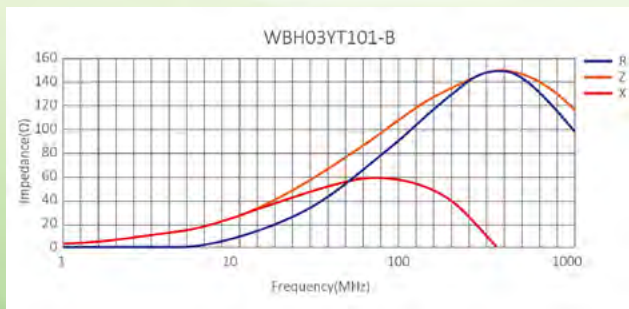
WBH03YT600-B



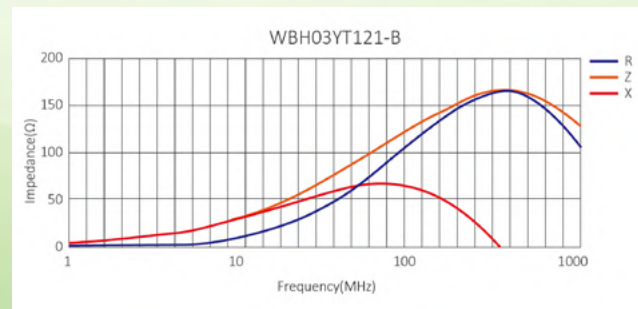
WBH03YT700-B



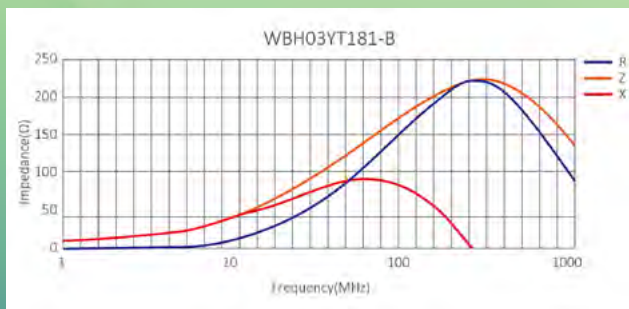
WBH03YT101-B



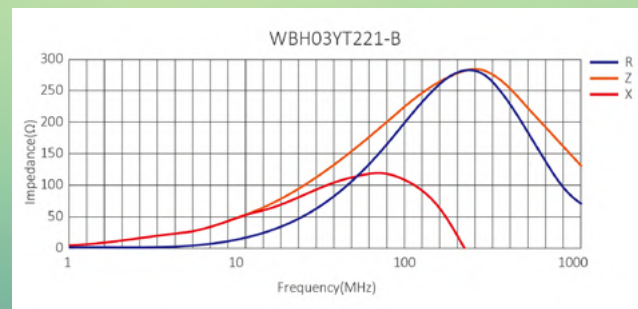
WBH03YT121-B



WBH03YT181-B



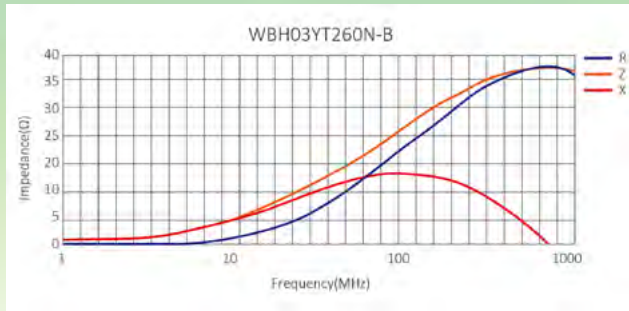
WBH03YT221-B



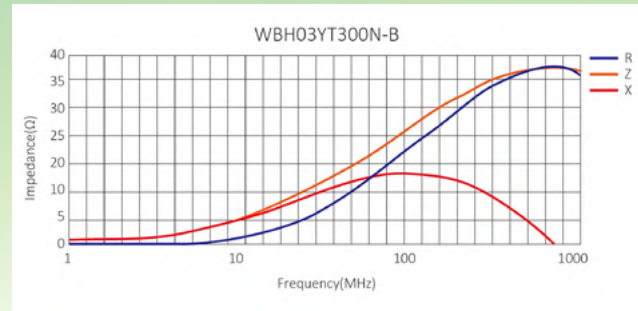
WBH03N-B

Part No.	Z(Ω)	Test Freq. (200mV)	DCR(m Ω) Max.	Irms(A) Max.	Tolerance (\pm %)
WBH03YT260N-B	26	100 MHz	7.0	6.0	25
WBH03YT300N-B	30	100 MHz	7.0	6.0	25
WBH03YT700N-B	70	100 MHz	20	4.0	25
WBH03YT121N-B	120	100 MHz	25	3.0	25
WBH03YT221N-B	220	100 MHz	40	2.5	25
WBH03YT331N-B	330	100 MHz	70	1.5	25

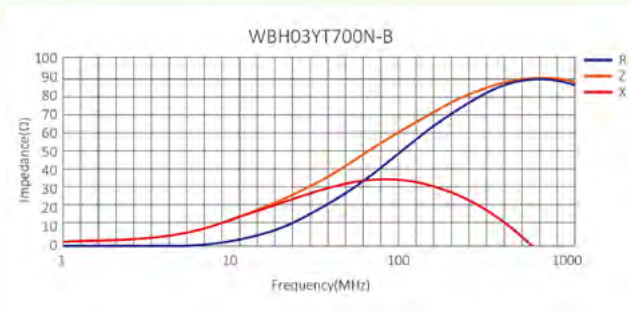
WBH03YT260N-B



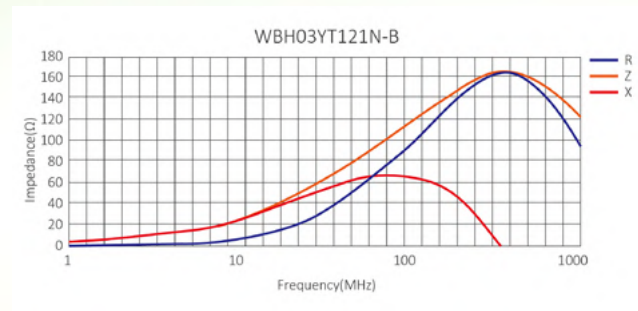
WBH03YT300N-B



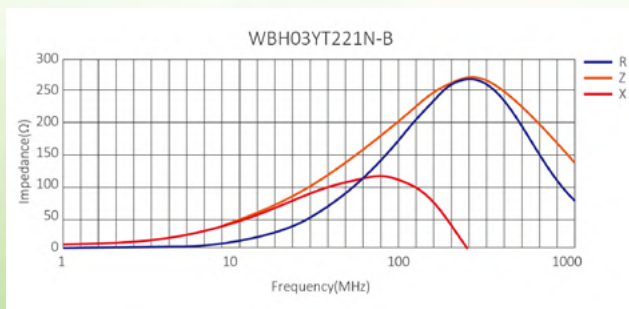
WBH03YT700N-B



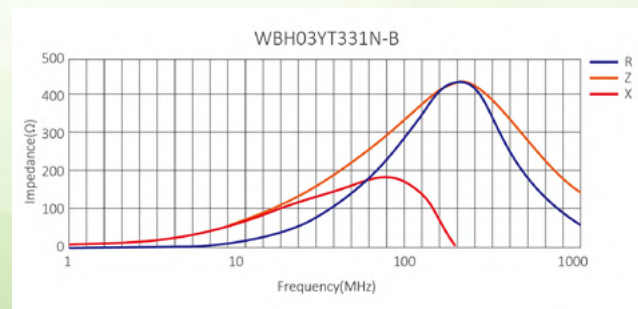
WBH03YT121N-B



WBH03YT221N-B



WBH03YT331N-B



Ordering information

WBH - 03 - Y - T - 100

(1) (2) (3) (4) (5)

- (1) Type : Surface Mountable Type
- (2) Size : 03(0603) is size
- (3) Tolerance : Y=25%
- (4) Packaging style : Taping Reel
- (5) Impedance : 100 for 10 Ω , 101 for 100 Ω , 102 for 1000 Ω ...

Characteristics

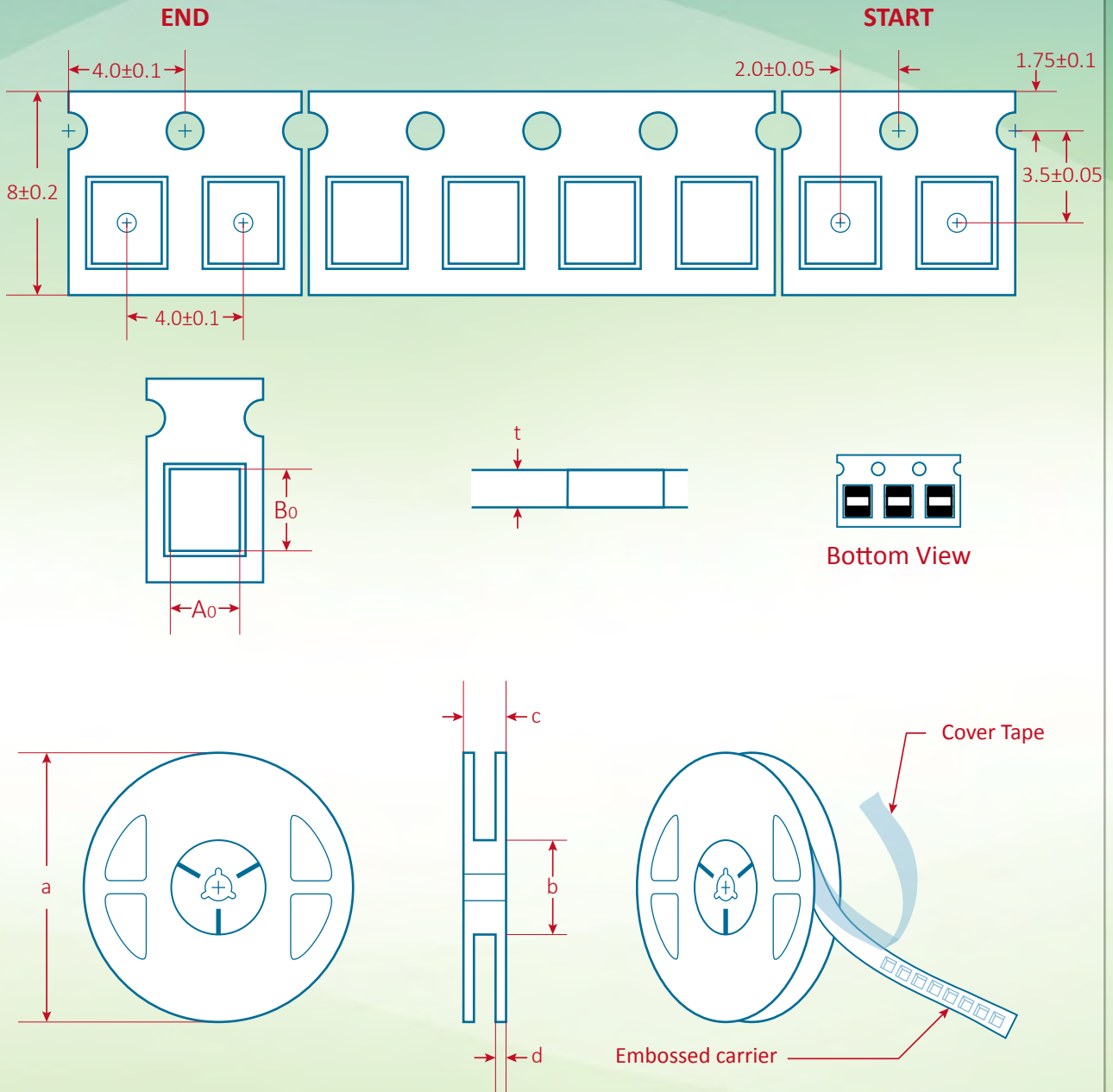
- Rate Current : Applied the current to coils, the temperature rise shall not be more than 30°C
- Operating temperature :-55°C to 125°C

Test equipment

- Z : HP4291A
- DCR : HP4338B or CHEN HWA 502

Packing

Dimensions in mm

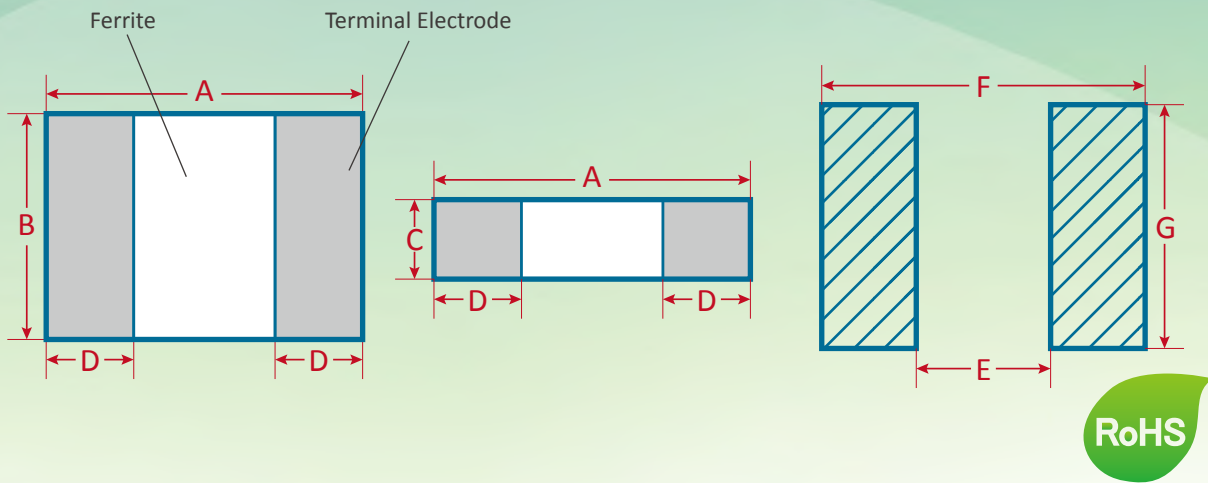


Item	A ₀	B ₀	t	a	b	c	d
WBH03	1.05±0.1	1.80±0.1	0.95±0.05	178	60	12	1.5
WBH03-B	1.05±0.1	1.85±0.1	0.95±0.05	178	60	12	1.5
WBH03N-B	1.05±0.1	1.85±0.1	0.6±0.05	178	60	12	1.5
	Reel			Reel			Reel
WBH03	Q'ty(Pcs) 4,000		WBH03-B	Q'ty(Pcs) 4,000		WBH03N-B	Q'ty(Pcs) 10,000

WBH Series

Multilayer Ferrite Chip Beads

Shape and Dimensions(mm):

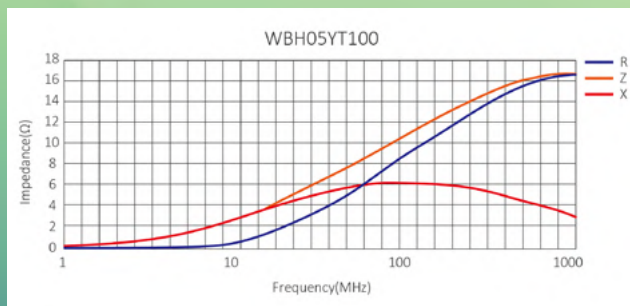


Item	A	B	C	D	E	F	G
WBH05	2.0±0.2	1.25±0.2	0.9±0.2	0.5±0.3	1.2 Typ.	4.0 Typ.	1.2 Typ.
WBH05-B	2.0±0.2	1.25±0.2	0.9±0.2	0.5±0.3	1.2 Typ.	4.0 Typ.	1.2 Typ.

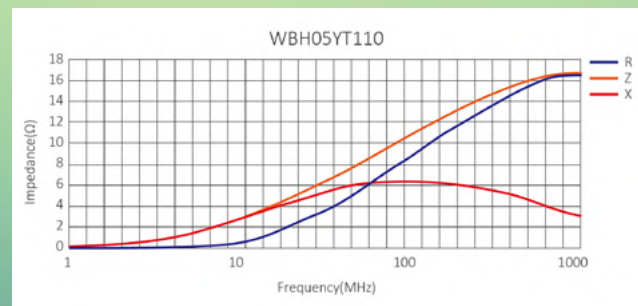
WBH05

Part No.	Z(Ω)	Test Freq. (200mV)	DCR(mΩ) Max.	I _{rms} (A) Max.	Tolerance (±%)
WBH05YT100	10	100 MHz	10	6.0	25
WBH05YT110	11	100 MHz	10	6.0	25
WBH05YT170	17	100 MHz	20	5.0	25
WBH05YT300	30	100 MHz	15	4.0	25
WBH05YT500	50	100 MHz	25	3.0	25
WBH05YT600	60	100 MHz	30	3.0	25
WBH05YT700	70	100 MHz	40	3.0	25
WBH05YT800	80	100 MHz	40	3.0	25
WBH05YT101	100	100 MHz	40	3.0	25
WBH05YT121	120	100 MHz	40	3.0	25
WBH05YT221	220	100 MHz	80	2.0	25
WBH05YT301	300	100 MHz	80	2.0	25
WBH05YT331	330	100 MHz	80	2.0	25
WBH05YT471	470	100 MHz	100	2.0	25
WBH05YT601	600	100 MHz	100	2.0	25
WBH05YT102	1000	100 MHz	120	1.5	25
WBH05YT152	1500	100 MHz	300	1.0	25

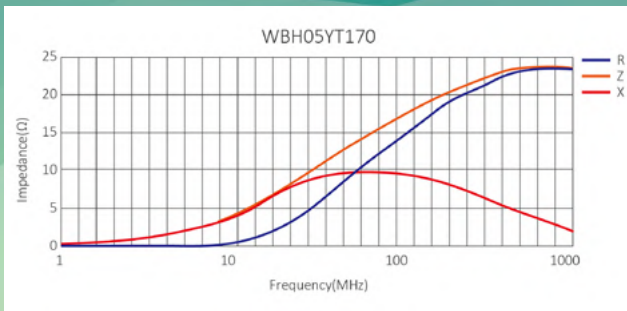
WBH05YT100



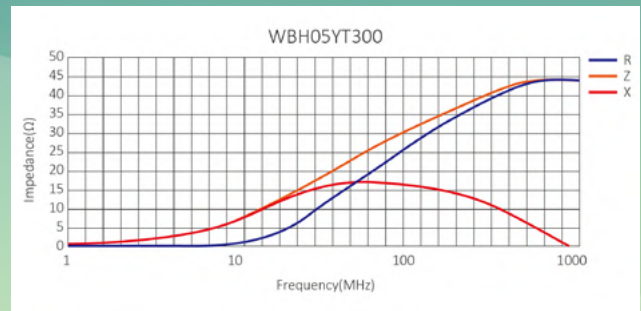
WBH05YT110



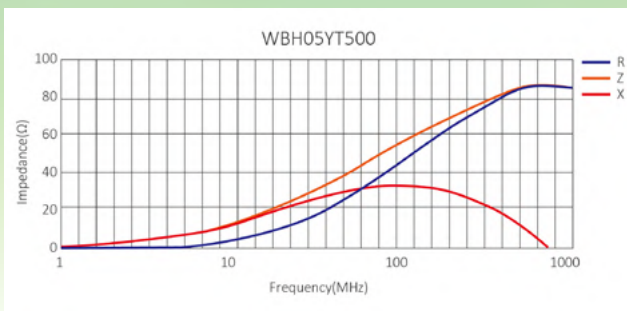
WBH05YT170



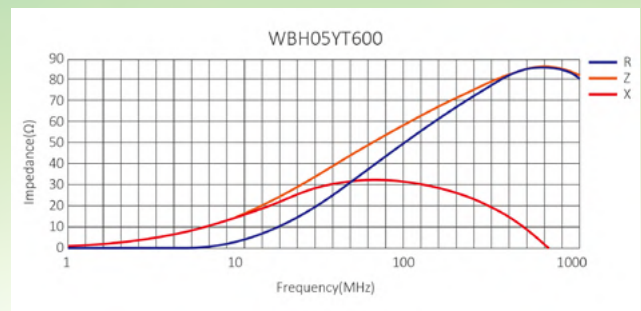
WBH05YT300



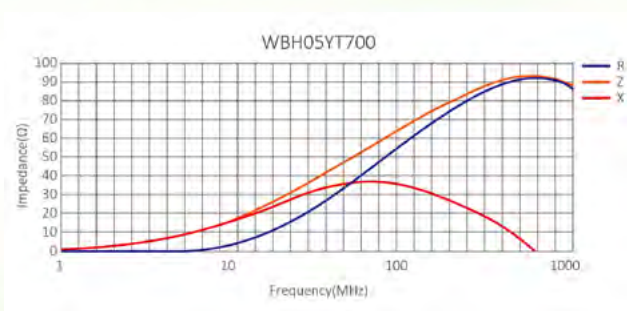
WBH05YT500



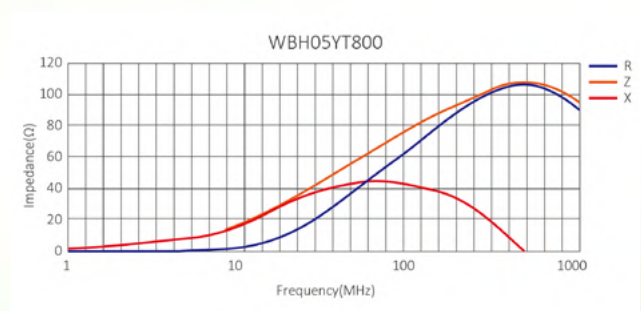
WBH05YT600



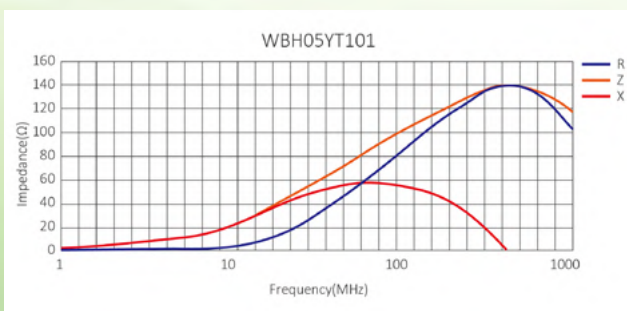
WBH05YT700



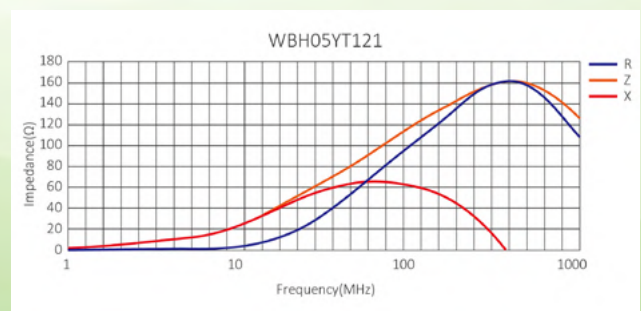
WBH05YT800



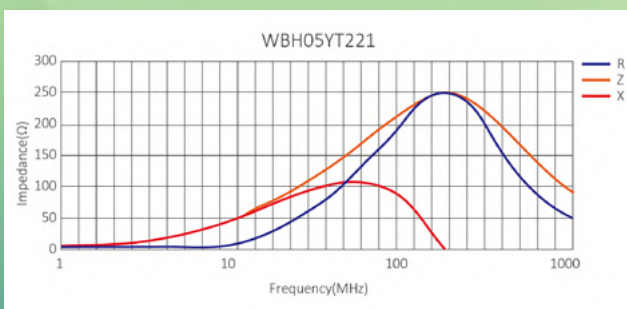
WBH05YT101



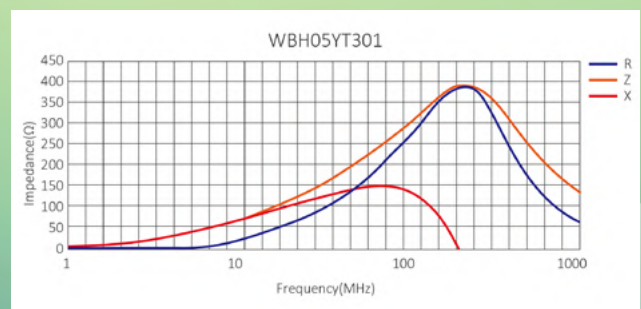
WBH05YT121



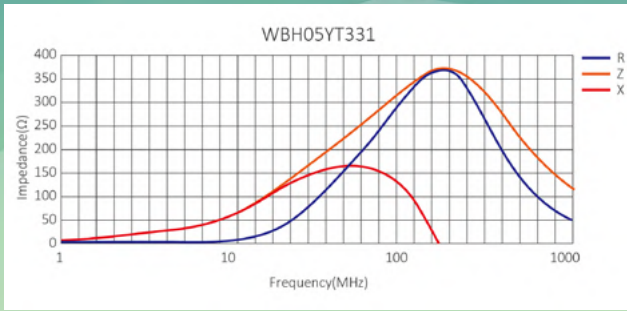
WBH05YT221



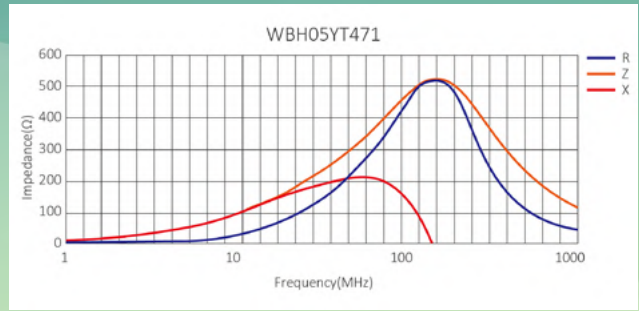
WBH05YT301



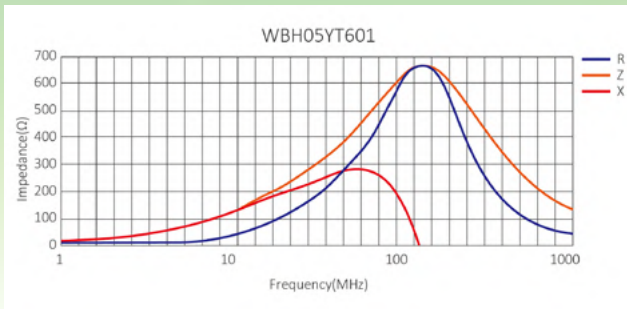
WBH05YT331



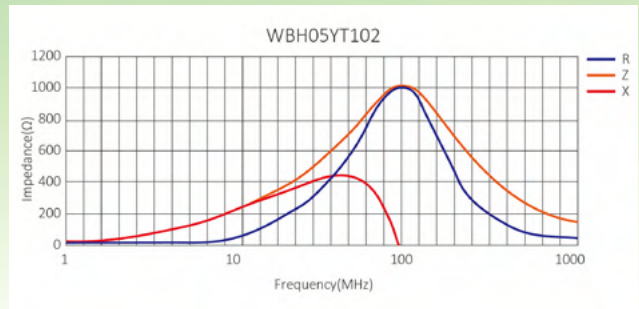
WBH05YT471



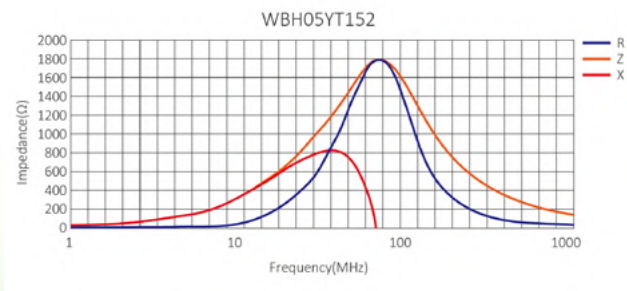
WBH05YT601



WBH05YT102



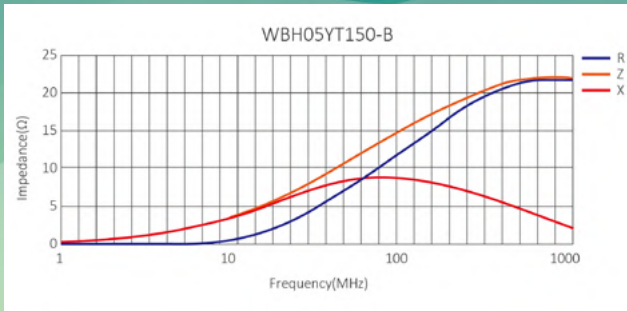
WBH05YT152



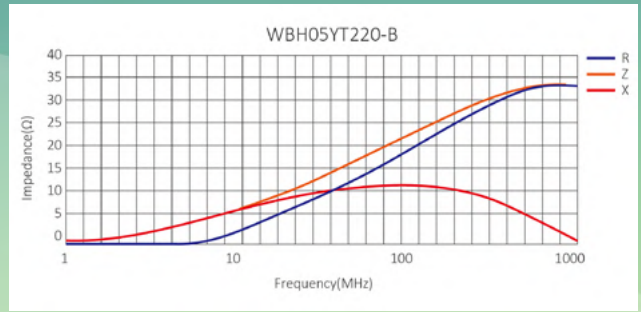
WBH05-B

Part No.	Z(Ω)	Test Freq. (200mV)	DCR(mΩ) Max.	Irms(A) Max.	Tolerance (±%)
WBH05YT150-B	15	100 MHz	12	6.0	25
WBH05YT220-B	22	100 MHz	12	6.0	25
WBH05YT300-B	30	100 MHz	12	6.0	25
WBH05YT500-B	50	100 MHz	15	6.0	25
WBH05YT600-B	60	100 MHz	18	6.0	25
WBH05YT800-B	80	100 MHz	20	6.0	25
WBH05YT101-B	100	100 MHz	20	5.0	25
WBH05YT121-B	120	100 MHz	20	5.0	25
WBH05YT201-B	200	100 MHz	40	3.0	25
WBH05YT221-B	220	100 MHz	40	3.0	25
WBH05YT301-B	300	100 MHz	50	3.0	25
WBH05YT331-B	330	100 MHz	50	3.0	25

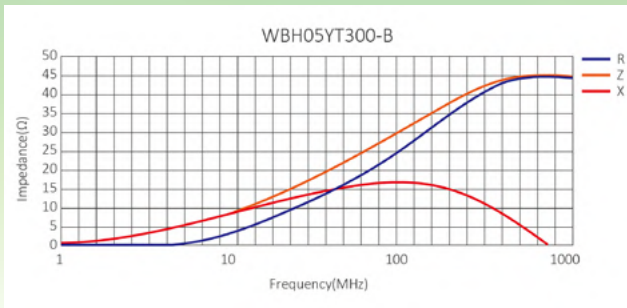
WBH05YT150-B



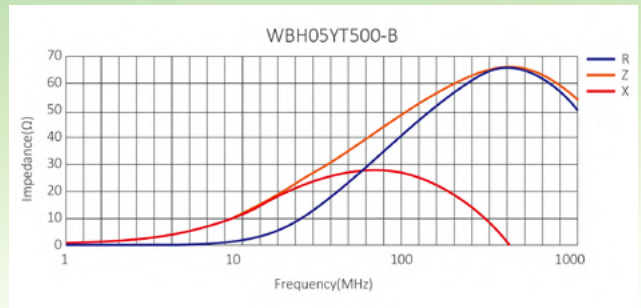
WBH05YT220-B



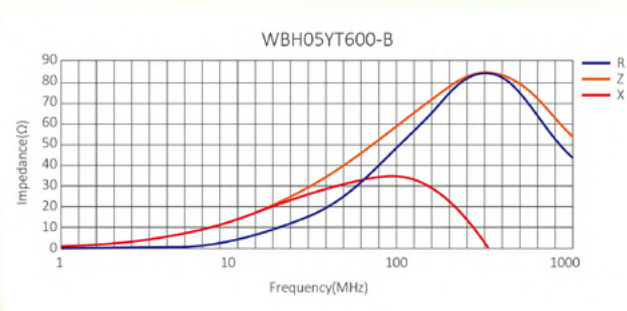
WBH05YT300-B



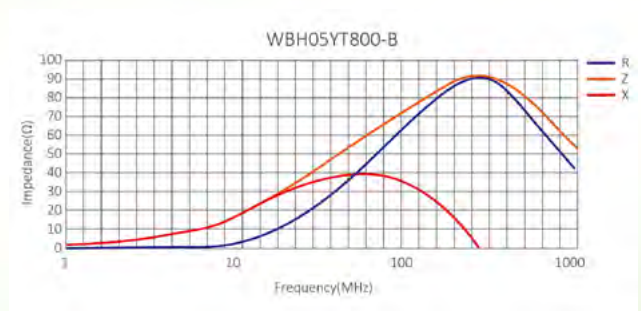
WBH05YT500-B



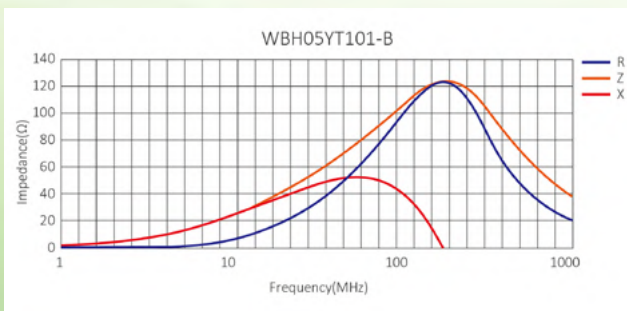
WBH05YT600-B



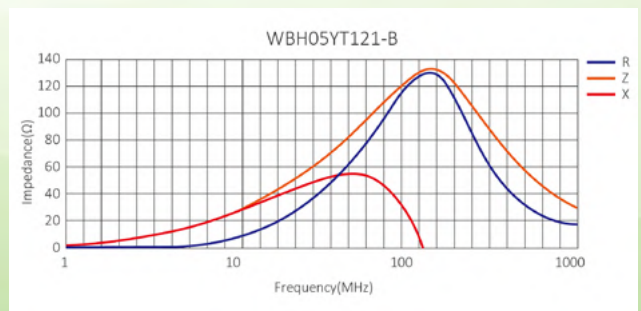
WBH05YT800-B



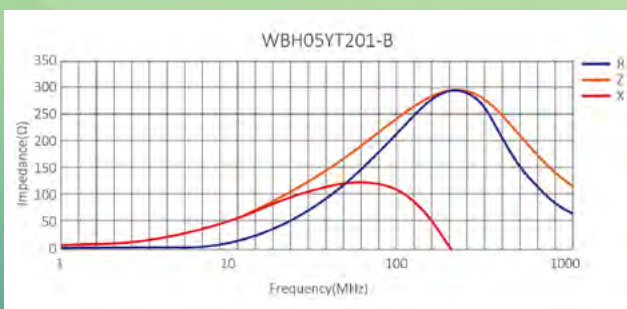
WBH05YT101-B



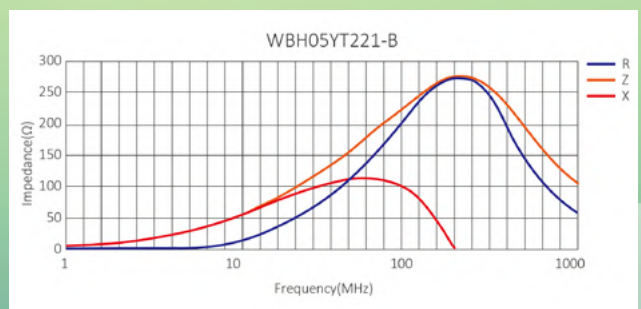
WBH05YT121-B



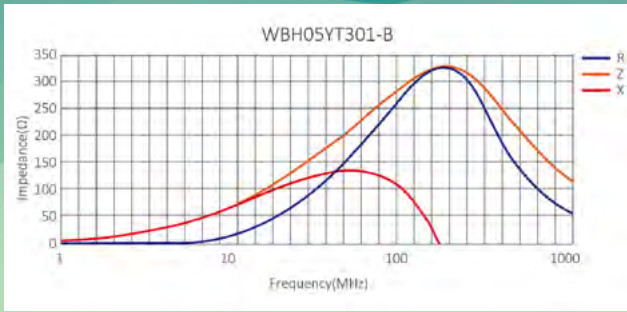
WBH05YT201-B



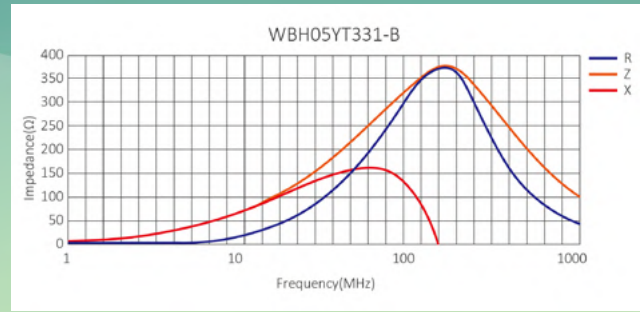
WBH05YT221-B



WBH05YT301-B



WBH05YT331-B



Ordering information

WBH - 05 - Y - T - 100

(1) (2) (3) (4) (5)

- (1) Type : Surface Mountable Type
- (2) Size : 05(0805) is size
- (3) Tolerance : Y=25%
- (4) Packaging style : Taping Reel
- (5) Impedance : 100 for 10Ω, 101 for 100Ω, 102 for 1000Ω...

Characteristics

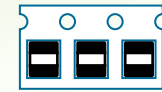
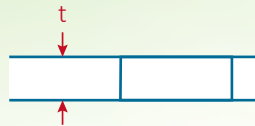
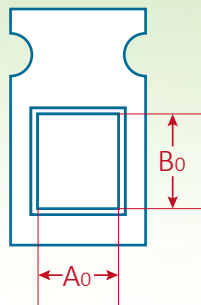
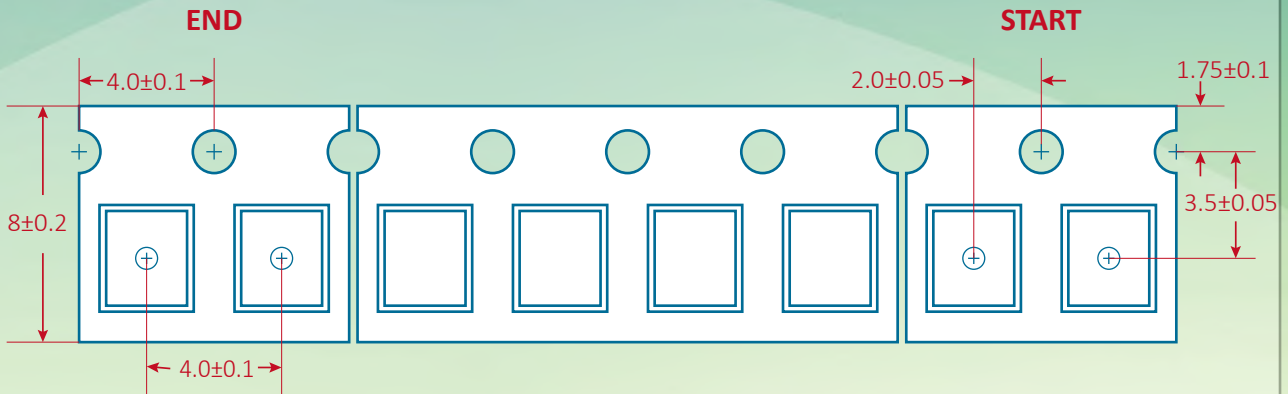
- Rate Current : Applied the current to coils, the temperature rise shall not be more than 30°C
- Operating temperature : -55°C to 125°C

Test equipment

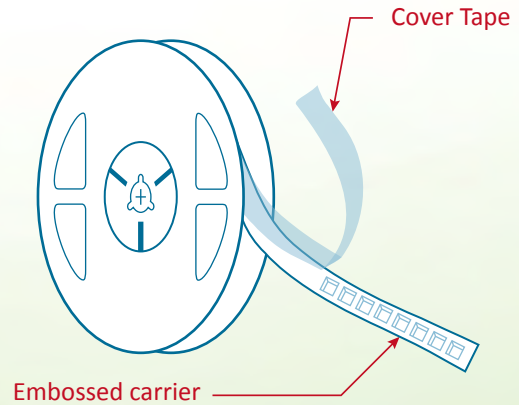
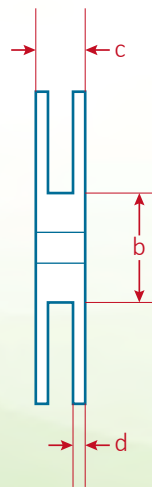
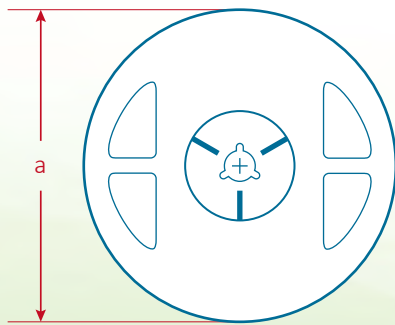
- Z : HP4291A
- DCR : HP4338B or CHEN HWA 502

Packing

Dimensions in mm



Bottom View

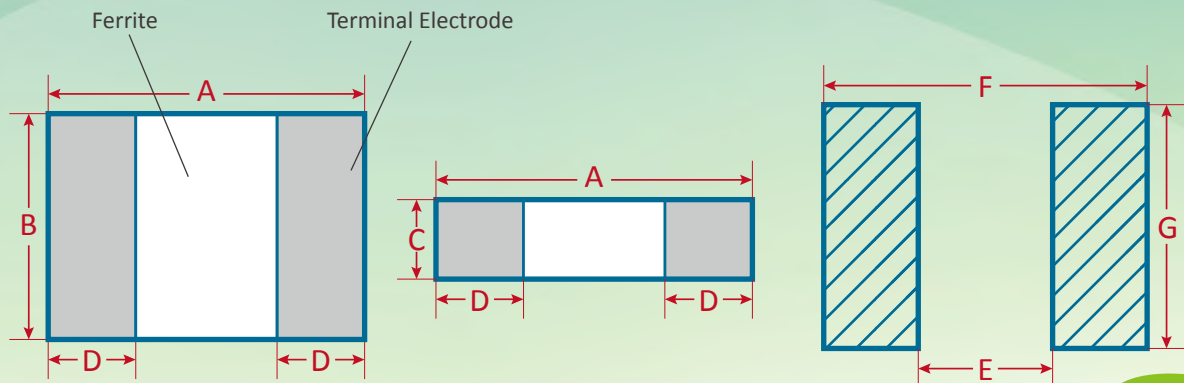


Item	A ₀	B ₀	t	a	b	c	d
WBH05	1.5±0.1	2.3±0.1	0.97±0.05	178	60	12	1.5
WBH05-B	1.5±0.1	2.3±0.1	0.97±0.05	178	60	12	1.5
		Reel					Reel
WBH05		Q'ty(Pcs) 4,000		WBH05-B		Q'ty(Pcs) 4,000	

WBH Series

Multilayer Ferrite Chip Beads

Shape and Dimensions(mm):

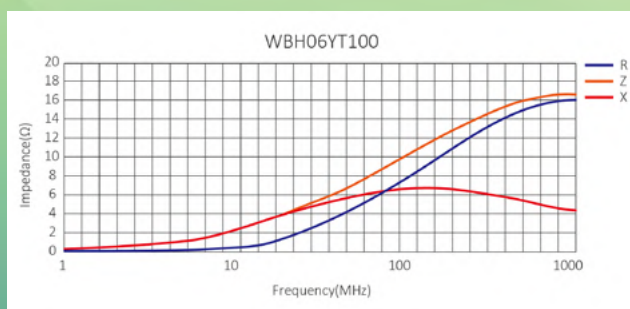


Item	A	B	C	D	E	F	G
WBH06	3.2±0.2	1.6±0.2	1.1±0.2	0.5±0.3	2.0 Typ.	5.2 Typ.	1.2 Typ.
WBH06-B	3.2±0.2	1.6±0.2	1.1±0.2	0.5±0.3	2.0 Typ.	5.2 Typ.	1.2 Typ.

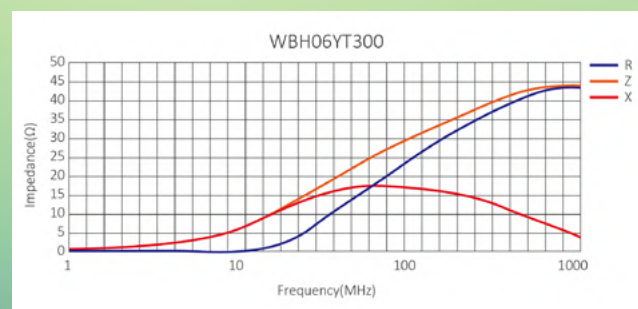
WBH06

Part No.	Z(Ω)	Test Freq. (200mV)	DCR(mΩ) Max.	I _{rms} (A) Max.	Tolerance (±%)
WBH06YT100	10	100 MHz	15	6.0	25
WBH06YT300	30	100 MHz	15	4.0	25
WBH06YT500	50	100 MHz	20	4.0	25
WBH06YT600	60	100 MHz	20	4.0	25
WBH06YT101	100	100 MHz	30	3.0	25
WBH06YT121	120	100 MHz	30	3.0	25
WBH06YT221	220	100 MHz	50	2.0	25
WBH06YT301	300	100 MHz	60	2.0	25
WBH06YT601	600	100 MHz	100	2.0	25
WBH06YT102	1000	50 MHz	150	1.2	25
WBH06YT122	1200	50 MHz	180	1.0	25
WBH06YT152	1500	50 MHz	200	0.8	25

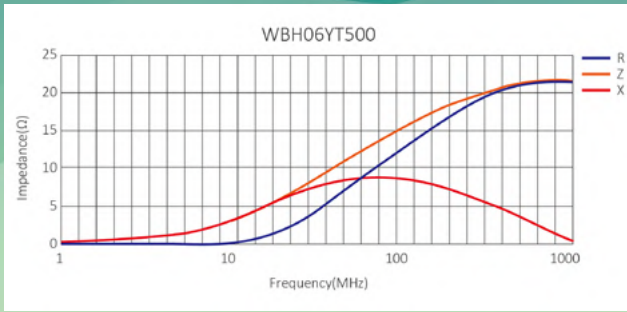
WBH06YT100



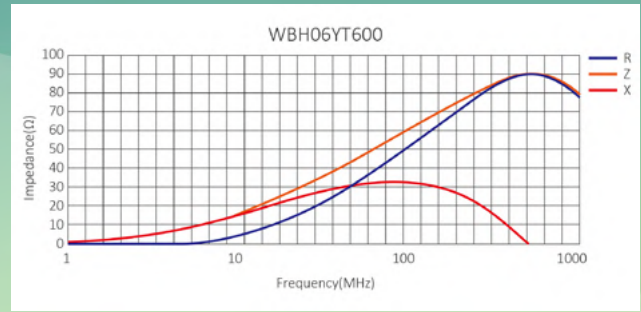
WBH06YT300



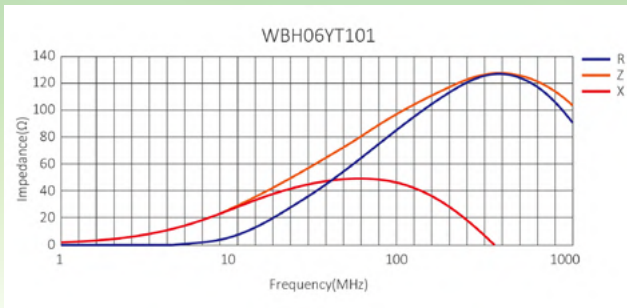
WBH06YT500



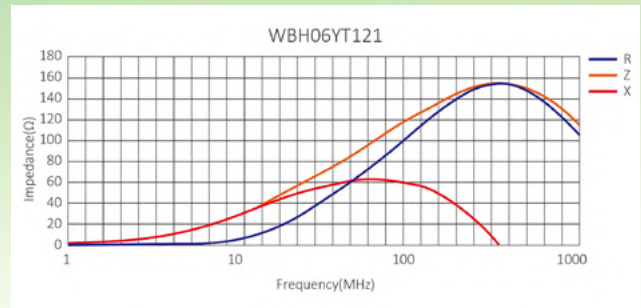
WBH06YT600



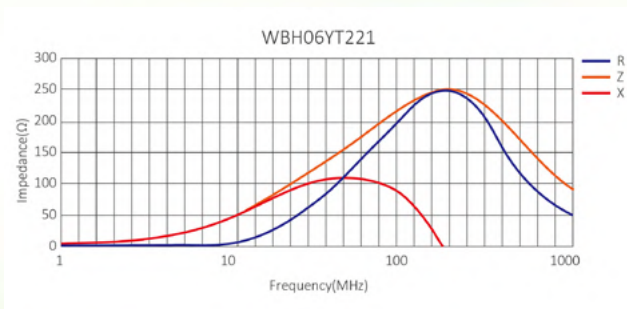
WBH06YT101



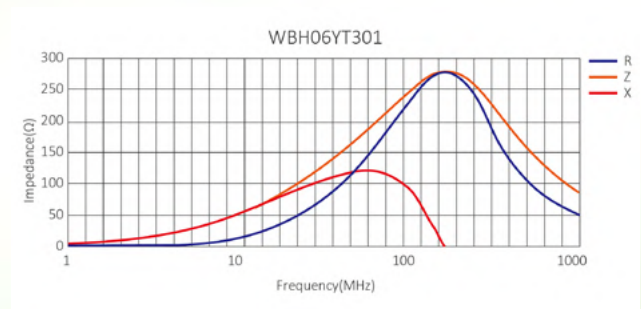
WBH06YT121



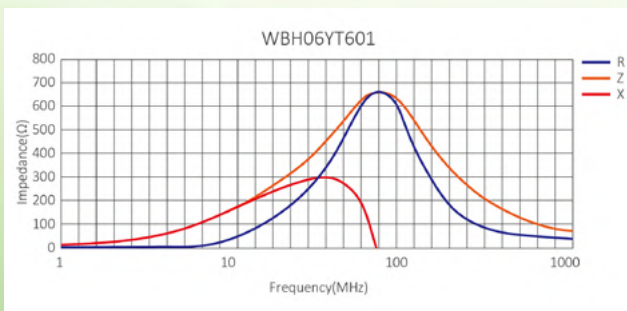
WBH06YT221



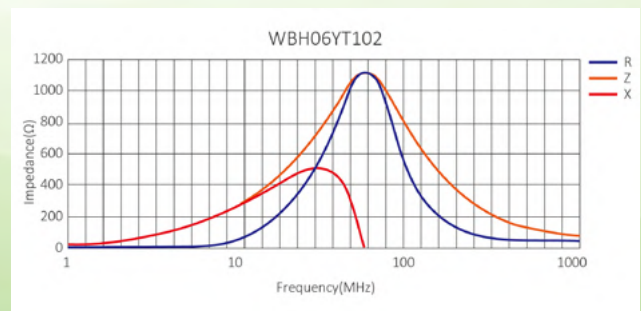
WBH06YT301



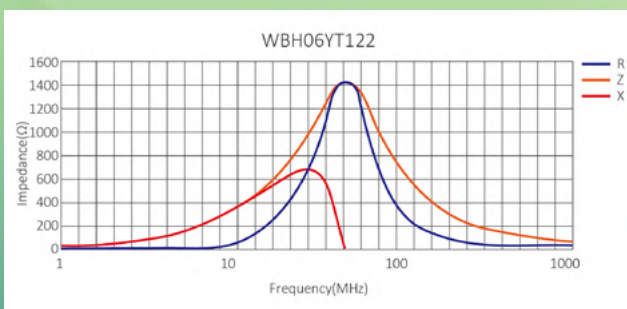
WBH06YT601



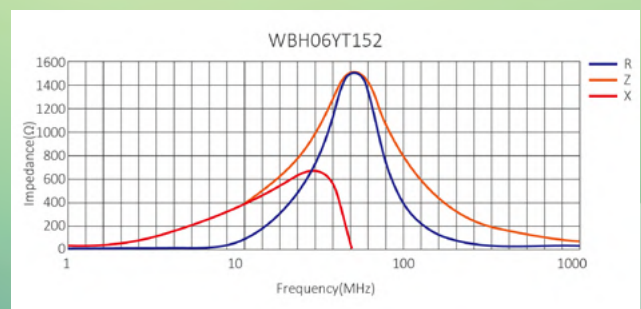
WBH06YT102



WBH06YT122



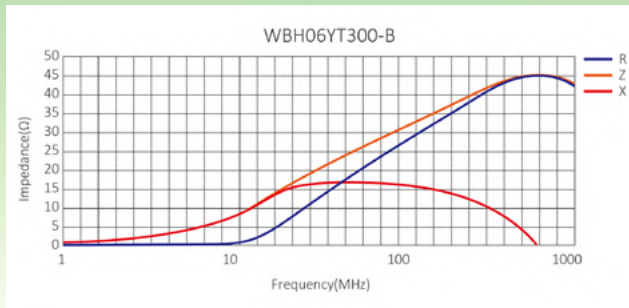
WBH06YT152



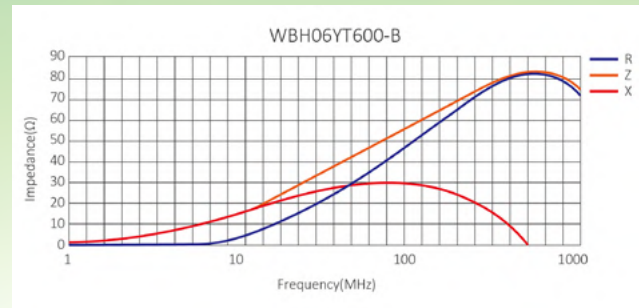
WBH06-B

Part No.	Z(Ω)	Test Freq. (200mV)	DCR(m Ω) Max.	Irms(A) Max.	Tolerance ($\pm\%$)
WBH06YT300-B	30	100 MHz	12	6.0	25
WBH06YT600-B	60	100 MHz	12	6.0	25
WBH06YT800-B	80	100 MHz	12	6.0	25
WBH06YT101-B	100	100 MHz	12	6.0	25
WBH06YT121-B	120	100 MHz	12	6.0	25
WBH06YT151-B	150	100 MHz	20	4.5	25
WBH06YT181-B	180	100 MHz	20	4.5	25
WBH06YT221-B	220	100 MHz	20	4.5	25

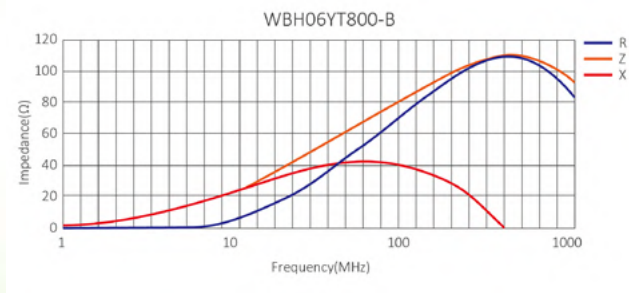
WBH06YT300-B



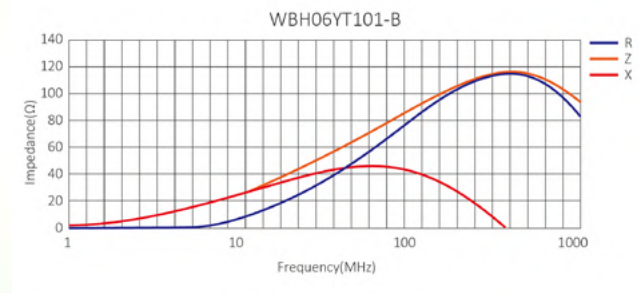
WBH06YT600-B



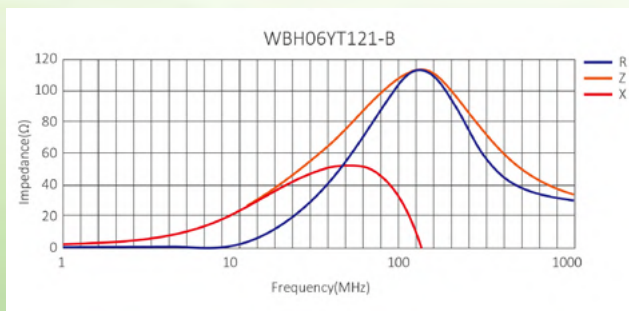
WBH06YT800-B



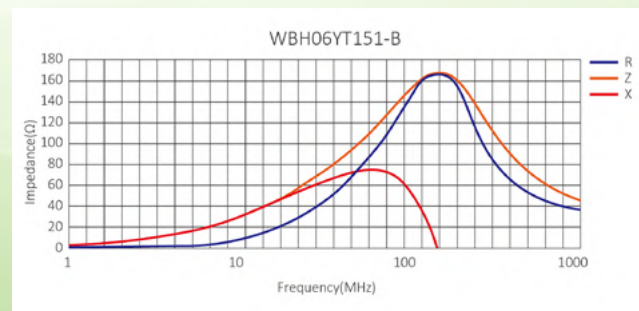
WBH06YT101-B



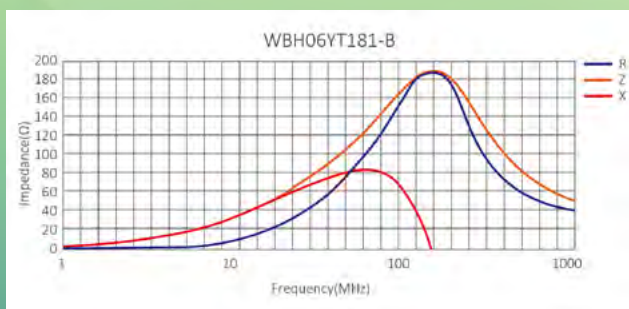
WBH06YT121-B



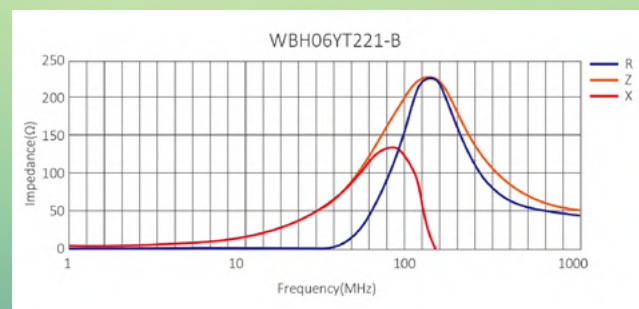
WBH06YT151-B



WBH06YT181-B



WBH06YT221-B



Ordering information

WBH - 06 - Y - T - 100

(1) (2) (3) (4) (5)

- (1) Type : Surface Mountable Type
- (2) Size : 06(1206) is size
- (3) Tolerance : Y=25%
- (4) Packaging style : Taping Reel
- (5) Impedance : 100 for 10Ω, 101 for 100Ω, 102 for 1000Ω...

Characteristics

- Rate Current : Applied the current to coils, the temperature rise shall not be more than 30°C
- Operating temperature : -55°C to 125°C

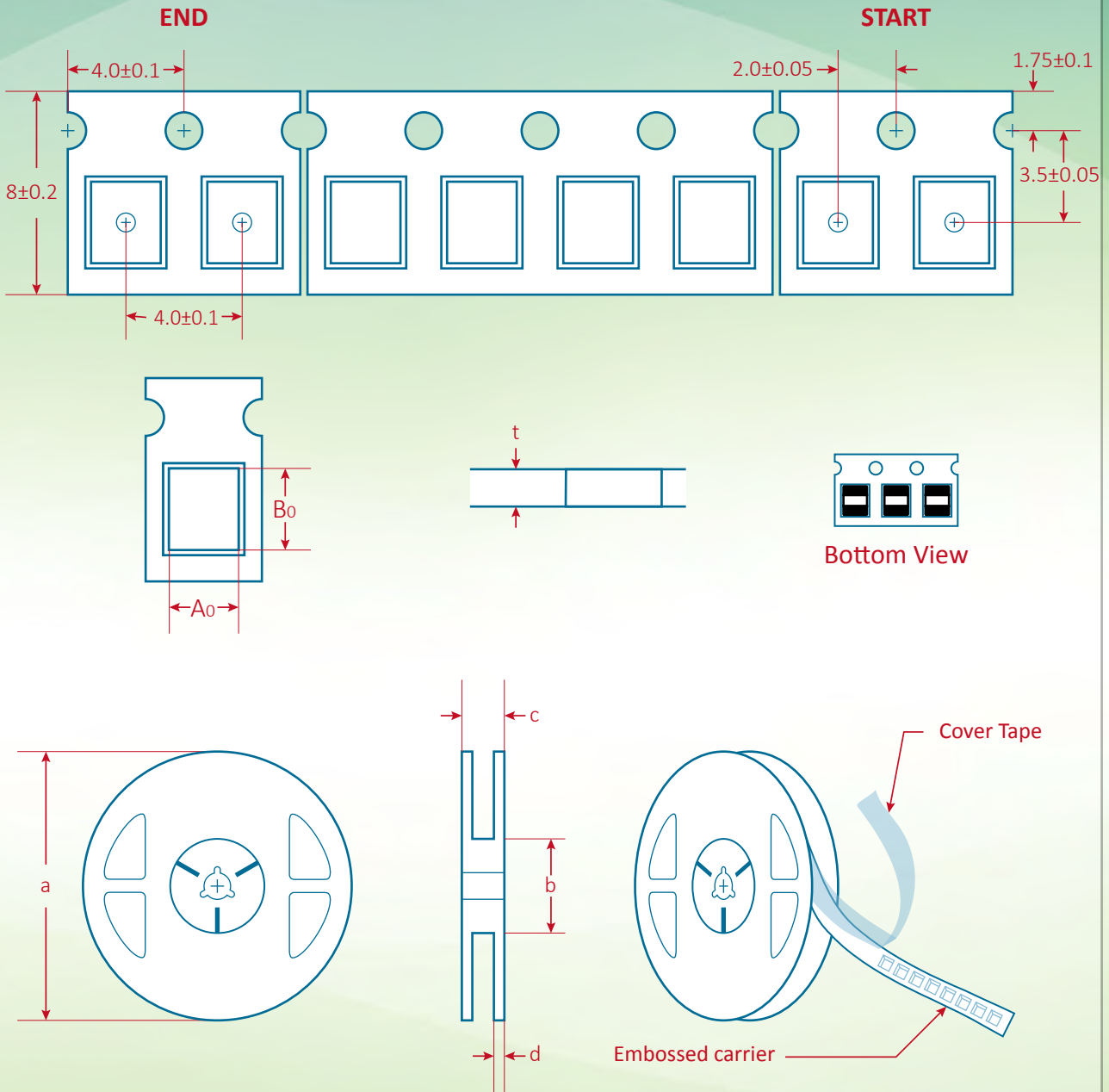
Test equipment

- Z : HP4291A
- DCR : HP4338B or CHEN HWA 502



Packing

Dimensions in mm



Item	A ₀	B ₀	t	a	b	c	d
WBH06	1.88±0.1	3.5±0.1	0.22±0.05	178	60	12	1.5
WBH06-B	1.88±0.1	3.5±0.1	0.22±0.05	178	60	12	1.5
	Reel			Reel			
WBH06	Q'ty(Pcs) 3,000			WBH06-B	Q'ty(Pcs) 3,000		