

## SMD Multilayer Ferrite Chip Beads

**JYHB SERIES**(For High Frequency Noise Suppression)



### **FEATURES/APPLICATOINS**

- .Carrier tape packing use for SMT
- .Can be used in a wide range of frequency to suppress EMI
- .Excellent solder ability
- .Suitable for reflow STM craft soldering
- .Lead free products, ROHS compliant
- .Widely use in Noise suppression in Digital equipment such as Computer peripheral devices /VCR /VCD /DVD /Camera /OA equipments etc.

Page

JYHB1005..... 4

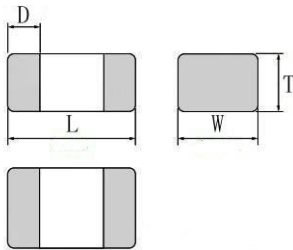
JYHB1608..... 7

## PRODUCT INDICATION

**JYHB**   **1608**   **D**   **601**   **Y**  
①   ②   ③   ④   ⑤

- ① Product type: JYHB type
- ② External dimension: 16 for Diameter 1.6mm, 08 for Width 0.8mm
- ③ Material code: G, D
- ④ Nominal impedance: 601 for 600 Ω
- ⑤ Tolerance: Y for ±25%

## SHAPE AND DIMENSIONS



unit mm(inch)

Part±No.	L	W	T	D
1005 (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)
1608 (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)

---

■ Notes:

● HP4191A

Impedance instrument HP4191A Impedance analyzer

● 100MHz

Inductance testing condition: 100MHz.

●

DCR instrument: TH2512B or DCR test equipment equivalent .

●

Rated Current test: VR7210&VR113H.

●

Rated Current definition: Inductance drop by 25% or temperature rise by 40°C,  
the lesser of the minimum as the rated current.

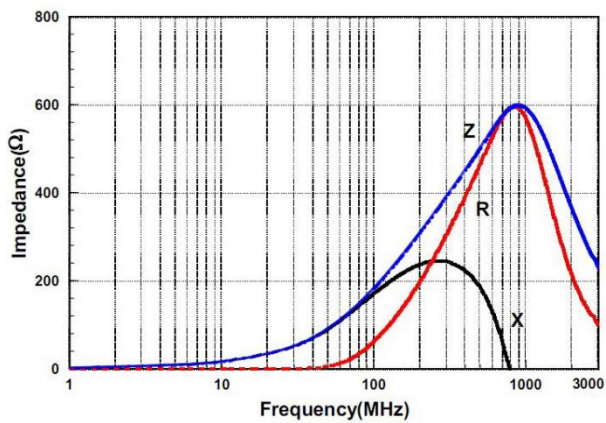
Temperature storage:-25~80 ; the relative humidity : RH65%~85%

## Electrical Characteristics JYHB1005(0402) Series(10000pcs/reel)

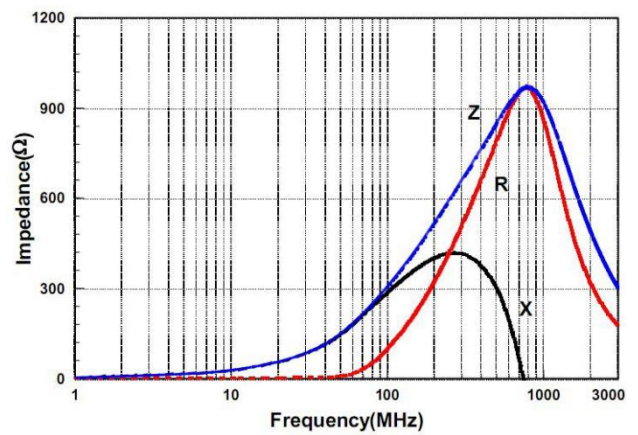
Part NO	Impedance ( $\Omega \pm 25\%$ )	Test Frequency(MHz)	Rated Current(mA)Max	DC ( $\Omega$ )Max
JYHB1005D181Y	180	100	100	1.00
JYHB1005D301Y	300	100	100	1.10
JYHB1005D471Y	470	100	100	1.30
JYHB1005D601Y	600	100	300	0.85
JYHB1005D102Y	1000	100	250	1.25
JYHB1005D152Y	1500	100	50	2.20
JYHB1005D182Y	1800	100	200	2.20
JYHB1005G601Y	600	100	300	0.70
JYHB1005G102Y	1000	100	250	1.10

## DETAIL ELECTRICAL CHARACTERISTICS

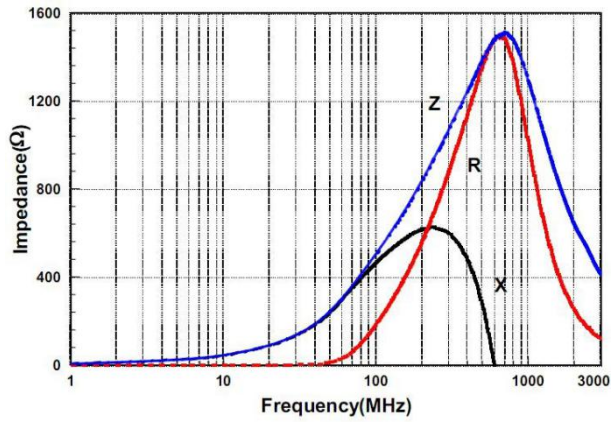
JYHB1005D181Y



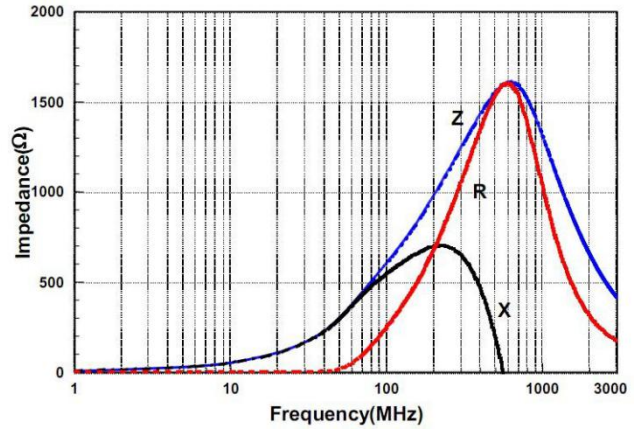
JYHB1005D301Y



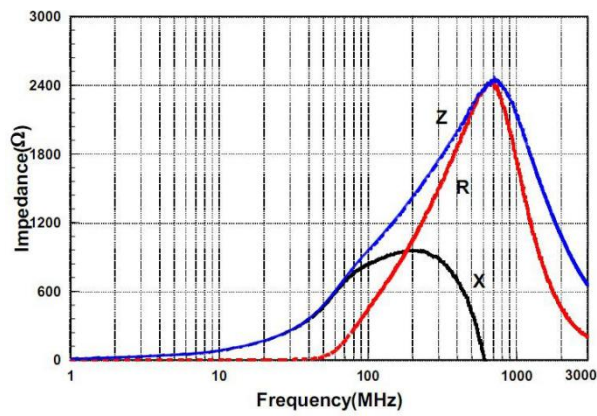
JYHB1005D471Y



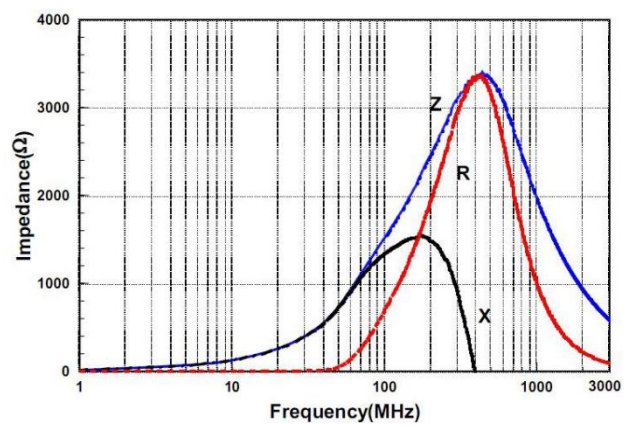
JYHB1005D601Y



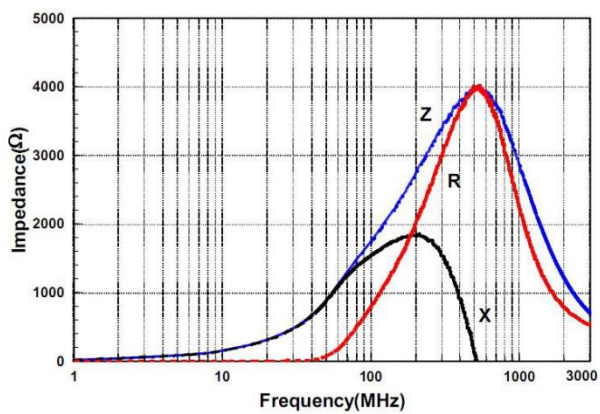
JYHB1005D102Y



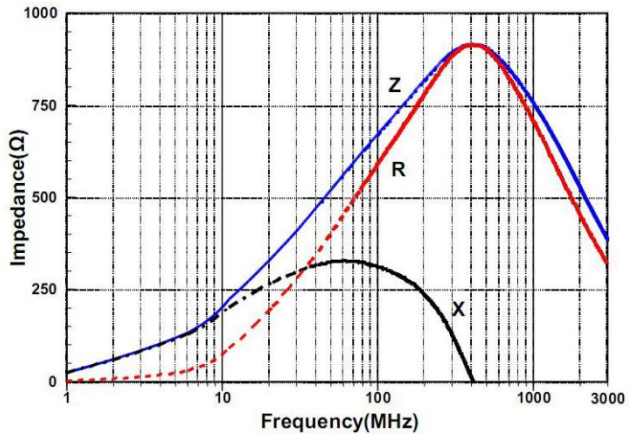
JYHB1005D152Y



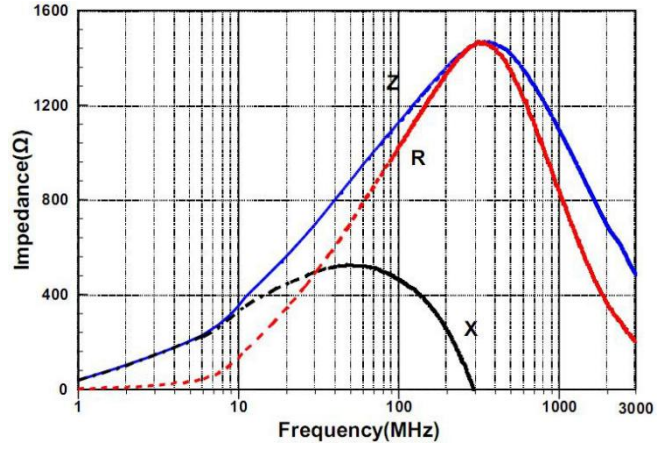
JYHB1005D182Y



JYHB1005G601Y



JYHB1005G102Y

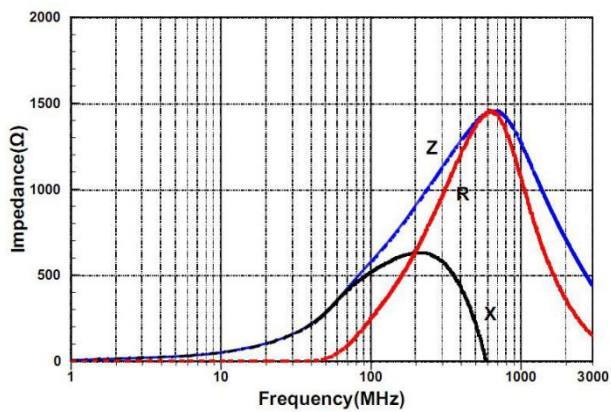


## Electrical Characteristics JYHB1608(0603) Series(4000pcs/reel)

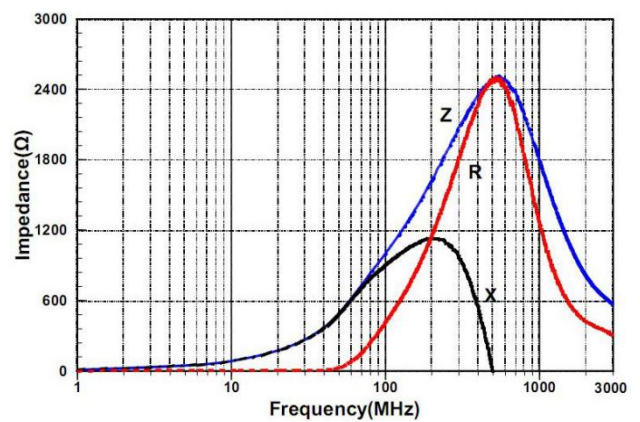
Part NO	Impedance ( $\Omega \pm 25\%$ )	Test Frequency(MHz)	Rated Current(mA)Max	DC ( $\Omega$ )Max
JYHB1608D601Y	600	100	100	1.50
JYHB1608D102Y	1000	100	50	1.80
JYHB1608G181Y	180	100	200	0.55
JYHB1608G301Y	300	100	200	0.75
JYHB1608G471Y	470	100	200	0.85
JYHB1608G601Y	600	100	200	1.00
JYHB1608G102Y	1000	100	100	1.60

## DETAIL ELECTRICAL CHARACTERISTICS

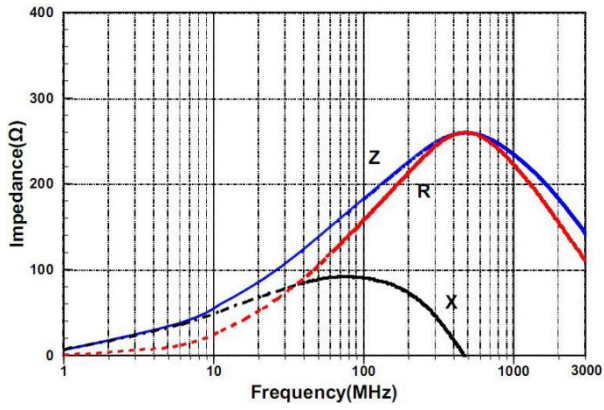
JYHB1608D601Y



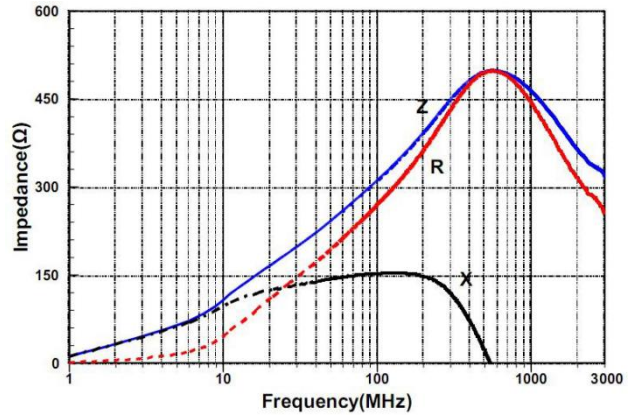
JYHB1608D102Y



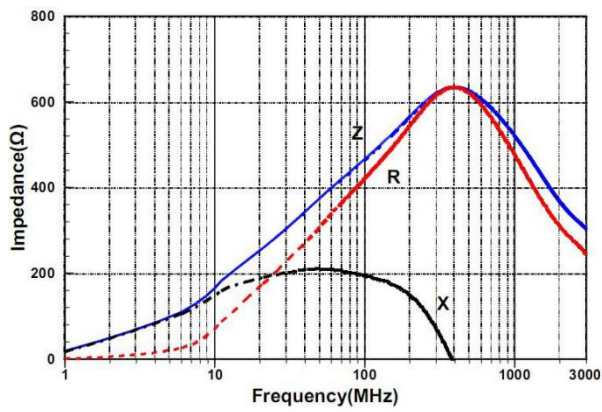
JYHB1608G181Y



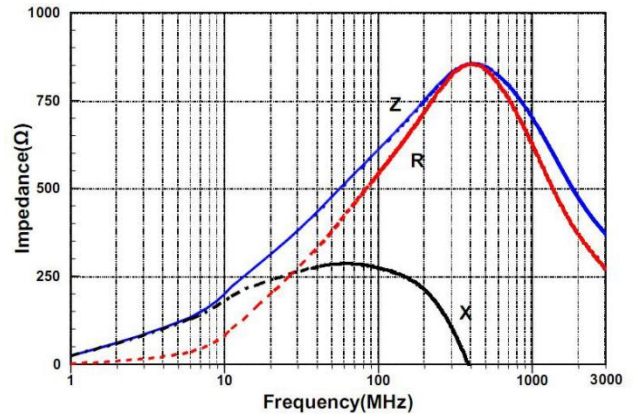
JYHB1608G301Y



JYHB1608G471Y



JYHB1608G601Y



JYHB1608G102Y

