



SMD Multilayer Ferrite Chip Beads

JYPB SERIES



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.

PRODUCT INDICATION

J Y P B **1608** **F** **101** **Y**
① ② ③ ④ ⑤

- ① Product type: JYPB type
- ② External dimension: 16 for Diameter 1.6mm, 08 for Width 0.8mm
- ③ Material code: F , C
- ④ Nominal impedance: 101 for 100 Ω
- ⑤ Tolerance: Y for ±25%

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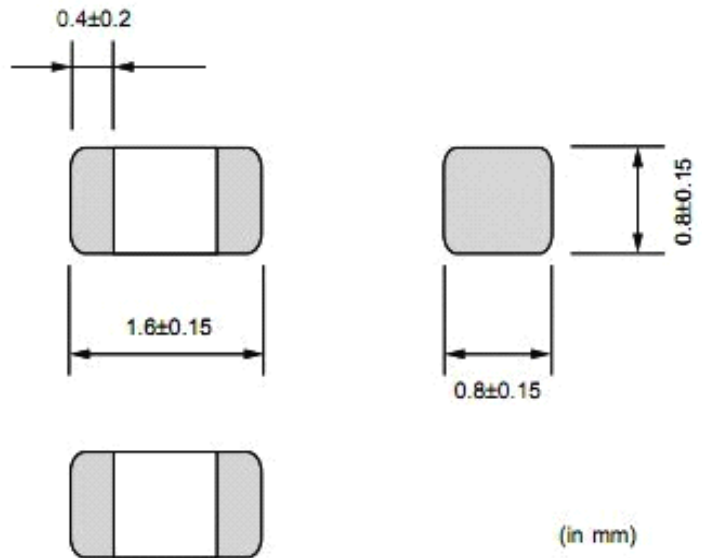
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■ Notes:

- 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%

JYPB1608(0603)

SHAPE AND DIMENSIONS



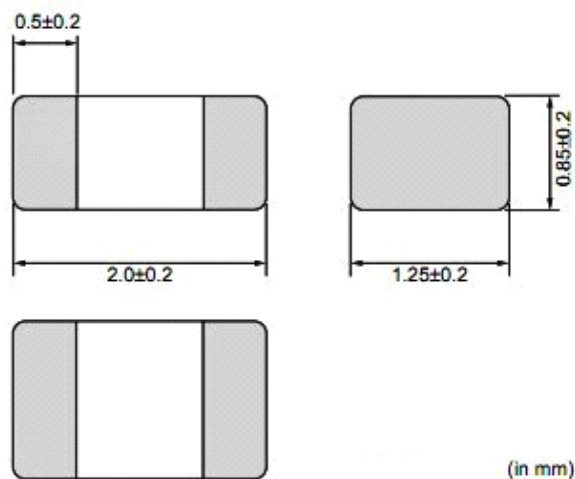
Electrical Characteristics JYDP1608(0603) Series

Part NO	Impedance (($\Omega \pm 25\%$))	Test Frequency(MHz)	Rated Current(mA)Max	DC (Ω)Max
JYPB1608F110Y	11	100	4000	0.02
JYPB1608F250Y	25	100	3000	0.03
JYPB1608F400Y	40	100	3000	0.035
JYPB1608F600Y	60	100	3000	0.04
JYPB1608F121Y	120	100	2500	0.08
JYPB1608F151Y	150	100	2000	0.085
JYPB1608F181Y	180	100	2000	0.09
JYPB1608F201Y	200	100	2000	0.095
JYPB1608F301Y	300	100	1500	0.12
JYPB1608F501Y	500	100	1200	0.15
JYPB1608F601Y	600	100	1000	0.2
JYPB1608F102Y	1000	100	800	0.25

Special inquiries besides the above common used types can be meet

JYPB2012(0805)

SHAPE AND DIMENSIONS



Electrical Characteristics JYPB2012(0805) Series

Part NO	Impedance (($\Omega \pm 25\%$))	Test Frequency(MHz)	Rated Current(mA)Max	DC (Ω)Max
JYPB2012F110Y	11	100	6000	0.01
JYPB2012F170Y	17	100	5000	0.02
JYPB2012F300Y	30	100	5000	0.015
JYPB2012F500Y	50	100	3000	0.025
JYPB2012F600Y	60	100	3000	0.03
JYPB2012F800Y	80	100	3000	0.04
JYPB2012F121Y	120	100	3000	0.04
JYPB2012F201Y	200	100	2500	0.05
JYPB2012F301Y	300	100	2000	0.08
JYPB2012F601Y	600	100	2000	0.1
JYPB2012F102Y	1000	100	1500	0.12

Special inquiries besides the above common used types can be meet

TYPE PACKAGING

TYPE	QUANTITIES PCS/reel
JYPB1005	10000
JYPB1608	4000
JYPB2012	4000