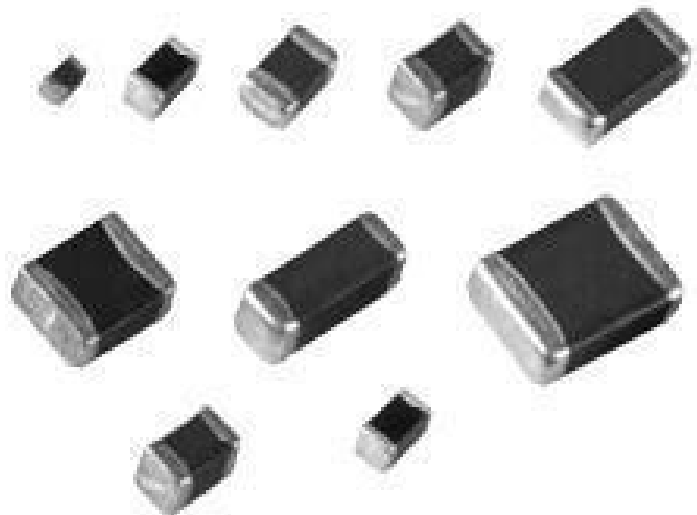


SMD Multilayer Ferrite Chip Beads

JYUP SERIES (FOR POWER SUPPLIES)



FEATURES/APPLICATOINS

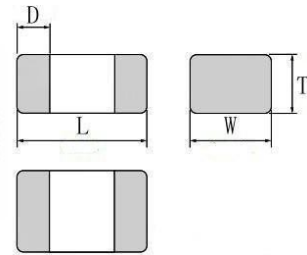
- .Carrier tape packing use for SMT
- .Can be used in a wide range of frequency to suppress EMI
- .Excellent solder ability
- .Suitable for reflow STM craft soldering
- .Lead free products, ROHS compliant
- .Widely use in Noise suppression in Digital equipment such as Computer peripheral devices /VCR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

PRODUCT INDICATION

JYUP 1608 F 101 Y
 ① ② ③ ④ ⑤

- ① Product type: JYUP 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%

SHAPE AND DIMENSIONS



Unit:mm

| Part No. | L | W | T | D |
|------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 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) |
| 2012(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) |
| 201211 | 2.0±0.2 (0.079±0.008) | 1.2±0.2 (0.047±0.008) | 1.1±0.2 (0.035±0.008) | 0.5±0.3 (0.020±0.012) |
| 3216(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) |
| 3225(1210) | 3.2±0.2 (0.126±0.008) | 2.0±0.2 (0.098±0.008) | 1.3±0.2 (0.063±0.008) | 0.5±0.3 (0.020±0.012) |
| 4516(1806) | 4.5±0.2 (0.186±0.008) | 1.6±0.2 (0.063±0.008) | 1.6±0.2 (0.063±0.008) | 0.5±0.3 (0.020±0.012) |
| 4532(1812) | 4.5±0.2 (0.180±0.008) | 3.2±0.2 (0.126±0.008) | 1.5±0.2 (0.060±0.008) | 0.5±0.3 (0.020±0.012) |

■ 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.

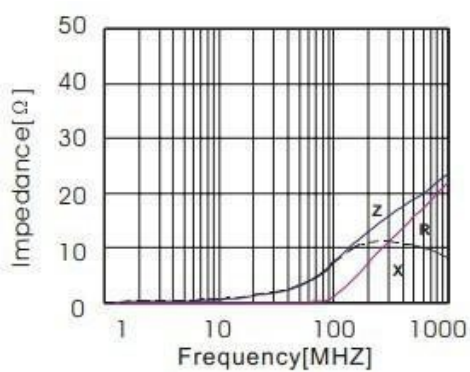
Temperature storage:-25~80 ; the relative humidity : RH65%~85%

Electrical Characteristics JYUP1608(0603) Series(4000pcs/reel)

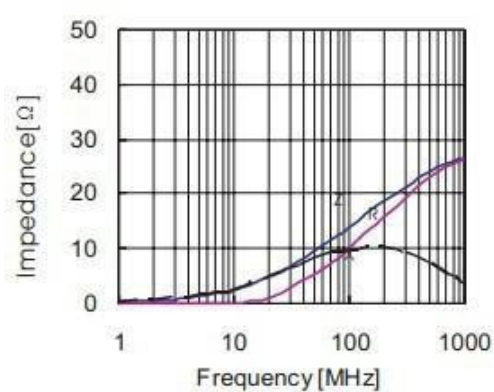
| Part NO | Impedance ($\Omega \pm 25\%$) | Test FreqFency(MHz) | DC (Ω)Max | Rated CFrrent(mA)Max |
|---------------|------------------------------------|---------------------|--------------------|-------------------------|
| JYUP1608F110Y | 11 | 100 | 0.015 | 4,500 |
| JYUP1608F170Y | 17 | 100 | 0.015 | 4,500 |
| JYUP1608F250Y | 25 | 100 | 0.015 | 4,500 |
| JYUP1608F300Y | 30 | 100 | 0.015 | 4,500 |
| JYUP1608F800Y | 80 | 100 | 0.06 | 4,000 |
| JYUP1608F101Y | 100 | 100 | 0.06 | 3,500 |
| JYUP1608F121Y | 120 | 100 | 0.065 | 3,000 |
| JYUP1608F151Y | 150 | 100 | 0.07 | 3,000 |
| JYUP1608F181Y | 180 | 100 | 0.09 | 2,500 |
| JYUP1608F221Y | 220 | 100 | 0.12 | 2,500 |
| JYUP1608F301Y | 300 | 100 | 0.18 | 2,000 |
| JYUP1608F501Y | 500 | 100 | 0.18 | 1,500 |
| JYUP1608F601Y | 600 | 100 | 0.18 | 1,500 |
| JYUP1608F102Y | 102 | 100 | 0.30 | 1,000 |

FERRITE CHIP BEADS

JYUP1608F110Y

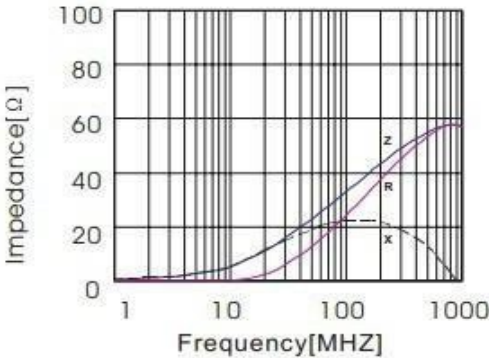


JYUP1608F170Y

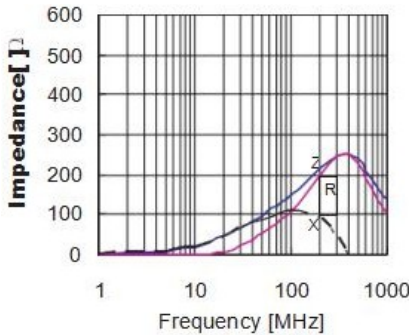


Electrical Characteristics JYUP1608(0603) Series(4000pcs/reel)

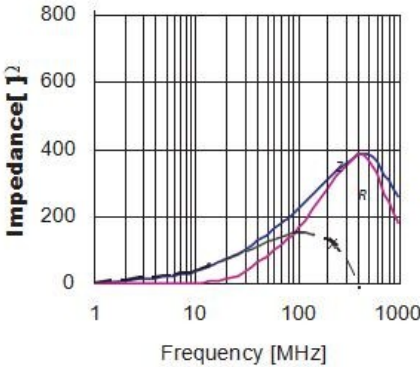
JYUP1608F300Y



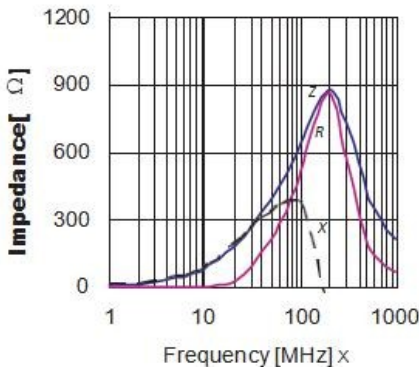
JYUP1608F151Y



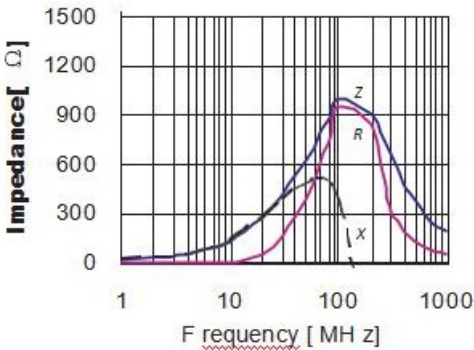
JYUP1608F221Y



JYUP1608F601Y



JYUP1608F102Y

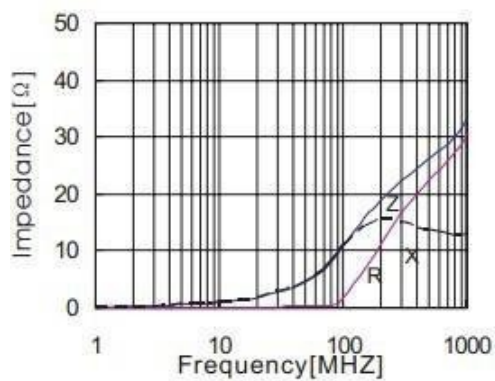


Electrical Characteristics JYUP2012(0805) Series(4000pcs/reel)

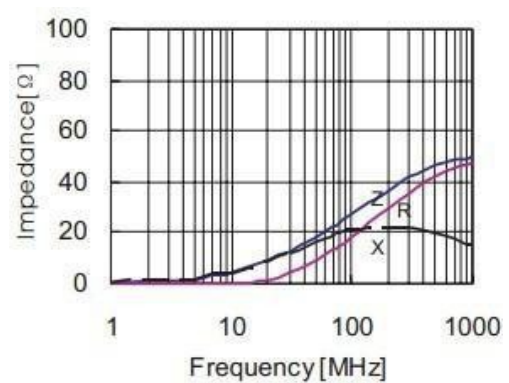
| Part NO | Impedance ($\Omega \pm 25\%$) | Test Frequency(MHz) | DC (Ω)Max | Rated Current(mA)Max |
|---------------|------------------------------------|---------------------|--------------------|-------------------------|
| JYUP2012F110Y | 11 | 100 | 0.015 | 6,000 |
| JYUP2012F150Y | 15 | 100 | 0.015 | 6,000 |
| JYUP2012F190Y | 19 | 100 | 0.015 | 6,000 |
| JYUP2012F260Y | 26 | 100 | 0.015 | 6,000 |
| JYUP2012F300Y | 30 | 100 | 0.015 | 6,000 |
| JYUP2012F330Y | 33 | 100 | 0.015 | 6,000 |
| JYUP2012F400Y | 40 | 100 | 0.015 | 6,000 |
| JYUP2012F500Y | 50 | 100 | 0.015 | 6,000 |
| JYUP2012F600Y | 60 | 100 | 0.02 | 4,500 |

FERRITE CHIP BEADS

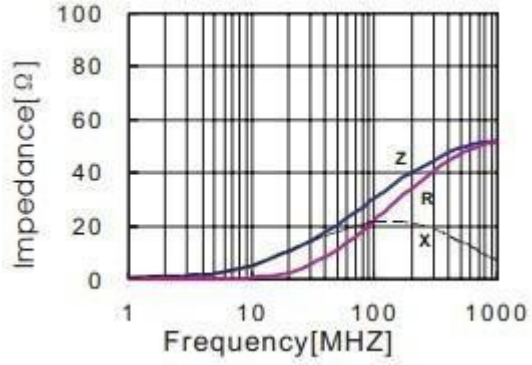
JYUP2012F110Y



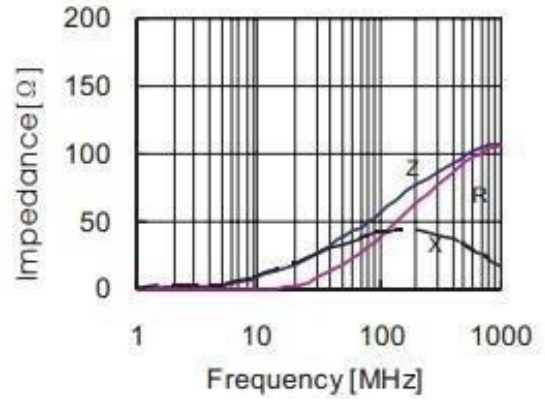
JYUP2012F260Y



JYPB2012F300Y



JYPB2012F500Y



Electrical Characteristics JYUP201211(0805) Series(3000pcs/reel)

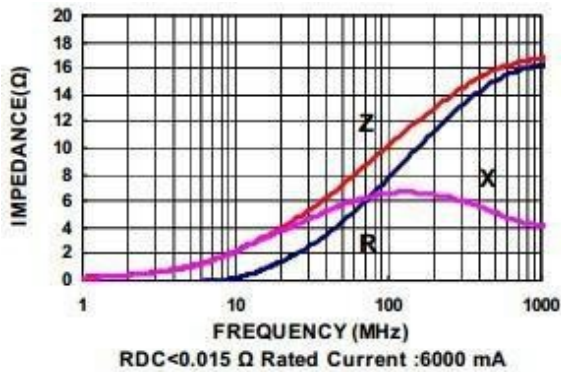
| Part NO | Impedance ($\Omega \pm 25\%$) | Test FreqFency(MHz) | DC (Ω)Max | Rated CFrrent(mA)Max |
|-----------------|------------------------------------|---------------------|--------------------|-------------------------|
| JYUP201212F600Y | 60 | 100 | 0.02 | 6,000 |
| JYUP201212F700Y | 70 | 100 | 0.02 | 6,000 |
| JYUP201212F800Y | 80 | 100 | 0.02 | 6,000 |
| JYUP201212F101Y | 100 | 100 | 0.025 | 5,000 |
| JYUP201212F121Y | 120 | 100 | 0.025 | 5,000 |

Electrical Characteristics JYUP3216(1206) Series(3000pcs/reel)

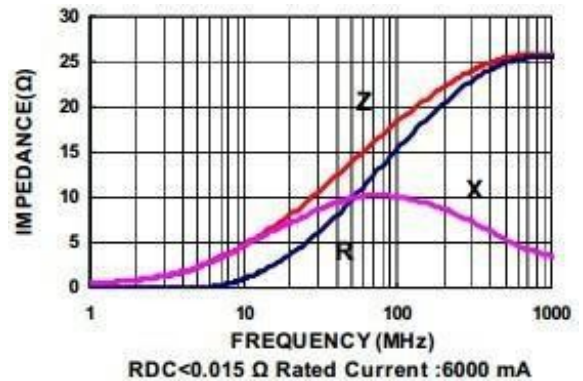
| Part NO | Impedance ($\Omega \pm 25\%$) | Test FreqFency(MHz) | DC (Ω)Max | Rated CFrrent(mA)Max |
|---------------|------------------------------------|---------------------|--------------------|-------------------------|
| JYUP3216F110Y | 11 | 100 | 0.012 | 6,000 |
| JYUP3216F190Y | 19 | 100 | 0.012 | 6,000 |
| JYUP3216F260Y | 26 | 100 | 0.012 | 6,000 |
| JYUP3216F330Y | 33 | 100 | 0.012 | 6,000 |
| JYUP3216F400Y | 40 | 100 | 0.012 | 6,000 |
| JYUP3216F500Y | 50 | 100 | 0.012 | 6,000 |
| JYUP3216F600Y | 60 | 100 | 0.012 | 6,000 |
| JYUP3216F800Y | 80 | 100 | 0.012 | 6,000 |
| JYUP3216F101Y | 100 | 100 | 0.012 | 6,000 |
| JYUP3216F121Y | 120 | 100 | 0.012 | 6,000 |
| JYUP3216F151Y | 150 | 100 | 0.02 | 4,500 |
| JYUP3216F391Y | 390 | 100 | 0.05 | 2,000 |
| JYUP3216F601Y | 600 | 100 | 0.08 | 1,500 |

FERRITE CHIP BEADS

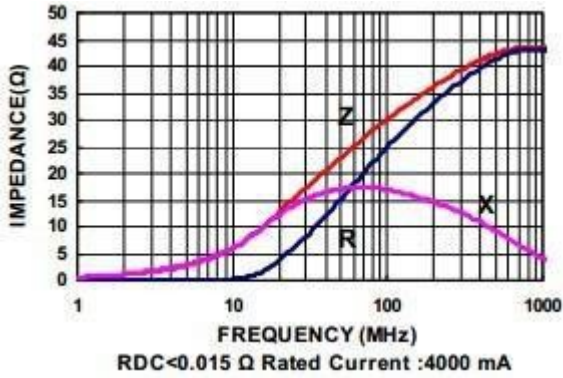
JYUP3216F110Y



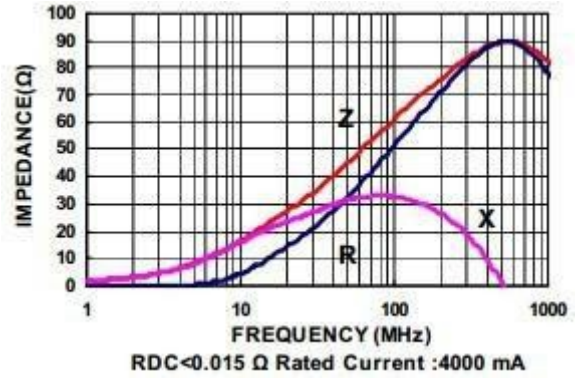
JYUP3216F190Y



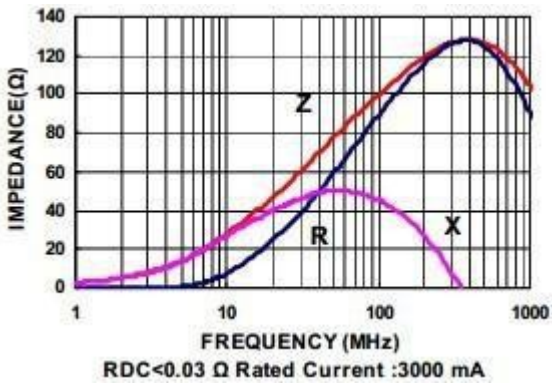
JYUP3216F330Y



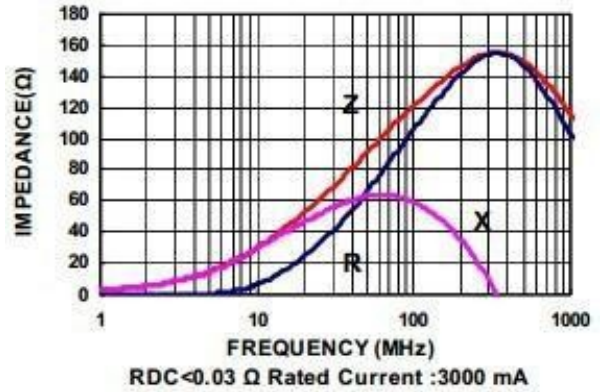
JYUP3216F600Y



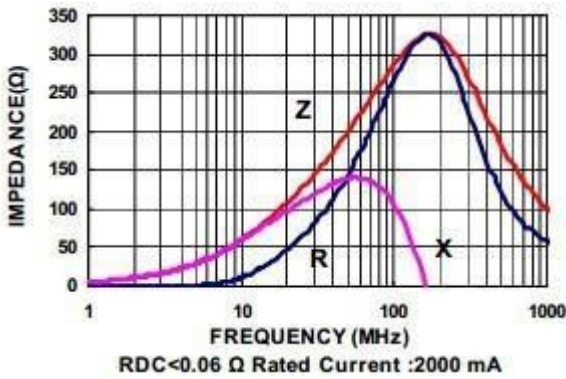
JYUP3216F101Y



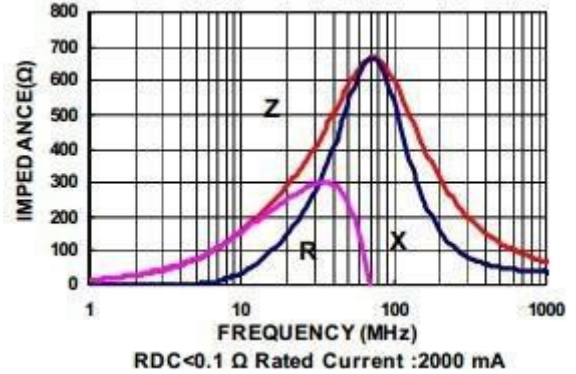
JYUP3216F121Y



JYUP3216F391Y



JYUP3216F601Y

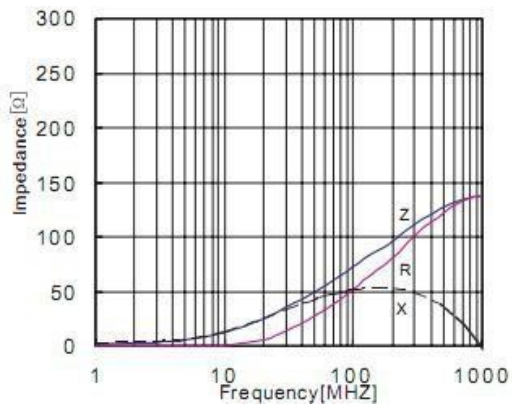


Electrical Characteristics JYUP4516(1806) Series(2000pcs/reel)

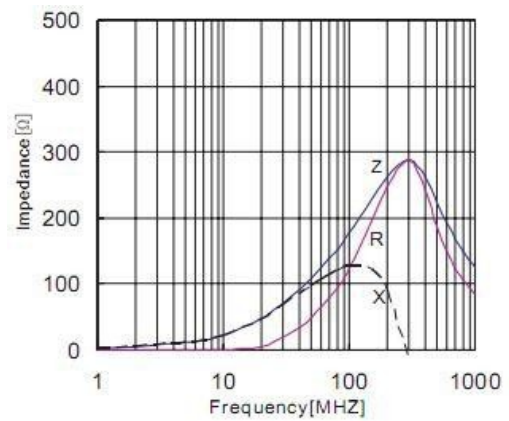
| Part NO | Impedance ($\Omega \pm 25\%$) | Test Frequency(MHz) | DC (Ω)Max | Rated CFrent(mA)Max |
|---------------|------------------------------------|---------------------|--------------------|------------------------|
| JYUP4516F600Y | 60 | 100 | 0.012 | 7,000 |
| JYUP4516F750Y | 75 | 100 | 0.015 | 3,500 |
| JYUP4516F181Y | 180 | 100 | 0.02 | 3,500 |
| JYUP4516F471Y | 470 | 100 | 0.05 | 2,000 |
| JYUP4516F102Y | 1000 | 100 | 0.09 | 1,500 |

FERRITE CHIP BEADS

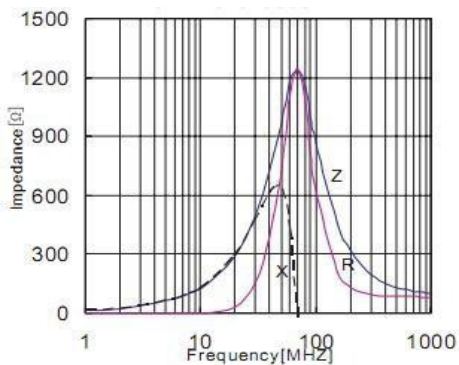
JYUP4516F600Y



JYUP4516F181Y



JYUP4516F102Y



Electrical Characteristics JYUP4532(1812) Series(1000pcs/reel)

| Part NO | Impedance ($\Omega \pm 25\%$) | Test Frequency(MHz) | DC (Ω)Max | Rated Current(mA)Max |
|---------------|------------------------------------|---------------------|--------------------|-------------------------|
| JYUP4532F700Y | 100 | 70 | 0.01 | 9,000 |

FERRITE CHIP BEADS

JYUP4532F700Y

