

# LARGE CURRENT MULTILAYER CHIP BEADS / UCB TYPE

## FEATURES

- ◆ Low DCR, small package
- ◆ High current handling capacity
- ◆ Nickel barrier terminations provide excellent solder heat resistance
- ◆ Suitable for flow and reflow soldering and high current applications

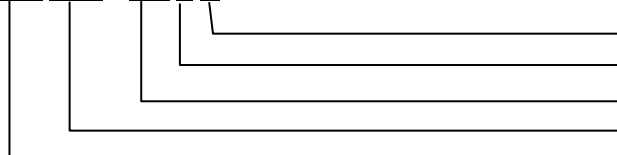


## APPLICATIONS

- ◆ Electronic games
- ◆ Personal computersHard disk drivers and other electronic equipments

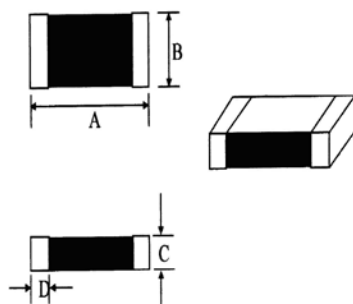
## ORDERING CODE

UCB 2012 – 600 □-N



Note: lead-free  
Tolerance (Y:±25%)  
Inductance  
Dimension (AxB)  
Product Symbol

## DIMENSIONS (UNIT: mm)



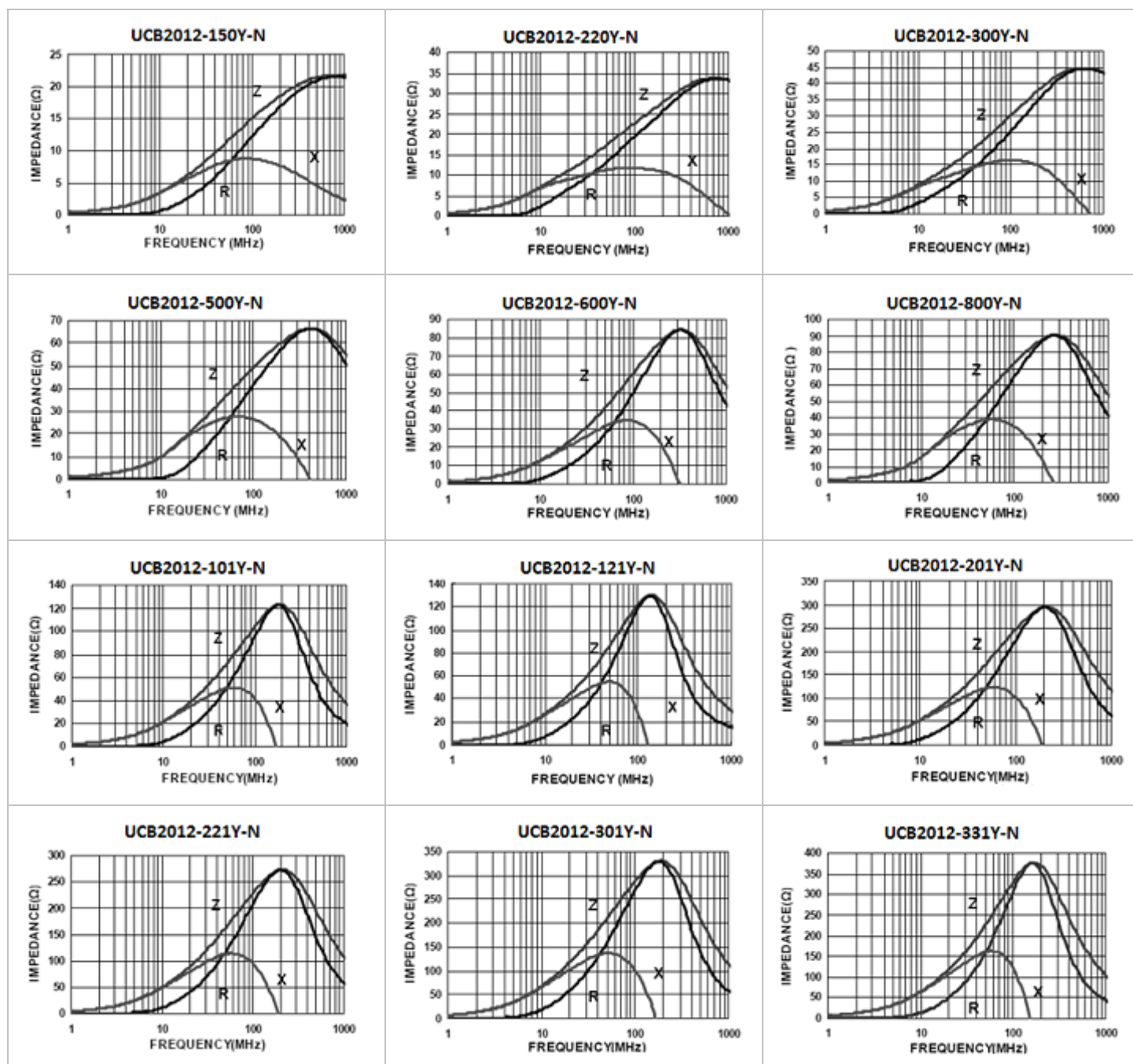
|   |                |     |
|---|----------------|-----|
| A | $2.00 \pm 0.2$ | m/m |
| B | $1.25 \pm 0.2$ | m/m |
| C | $0.90 \pm 0.2$ | m/m |
| D | $0.50 \pm 0.3$ | m/m |

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### ELECTRICAL CHARACTERISTICS UCB2012

| Part No.         | Impedance ( $\Omega$ )<br>AT 100MHz | DC Resistance ( $\Omega$ )<br>Max | Rated Current (mA)<br>Max |
|------------------|-------------------------------------|-----------------------------------|---------------------------|
| UCB 2012-150 □-N | 15                                  | 0.012                             | 6000                      |
| UCB 2012-220 □-N | 22                                  | 0.012                             | 6000                      |
| UCB 2012-300 □-N | 30                                  | 0.012                             | 6000                      |
| UCB 2012-500 □-N | 50                                  | 0.015                             | 6000                      |
| UCB 2012-600 □-N | 60                                  | 0.018                             | 6000                      |
| UCB 2012-800 □-N | 80                                  | 0.020                             | 6000                      |
| UCB 2012-101 □-N | 100                                 | 0.020                             | 5000                      |
| UCB 2012-121 □-N | 120                                 | 0.020                             | 5000                      |
| UCB 2012-201 □-N | 200                                 | 0.040                             | 3000                      |
| UCB 2012-221 □-N | 220                                 | 0.040                             | 3000                      |
| UCB 2012-301 □-N | 300                                 | 0.050                             | 3000                      |
| UCB 2012-331 □-N | 330                                 | 0.050                             | 3000                      |

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**CORE MASTER ENTERPRISE CO., LTD.**

<http://www.coremaster.com.tw>

