

# 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

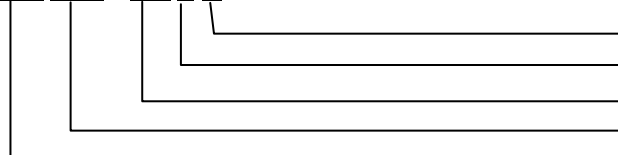


## APPLICATIONS

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

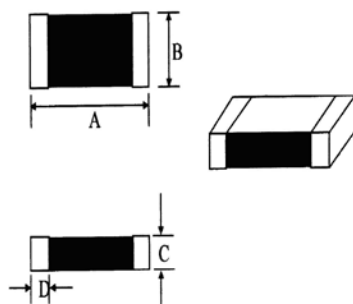
## ORDERING CODE

UCB 1608 – 600 □-N



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

## DIMENSIONS (UNIT: mm)

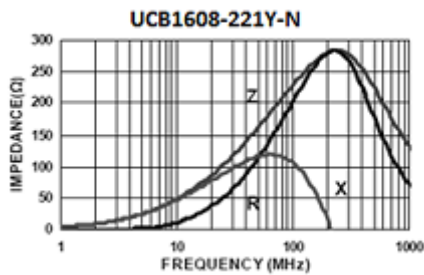
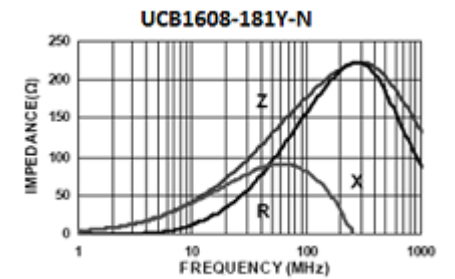
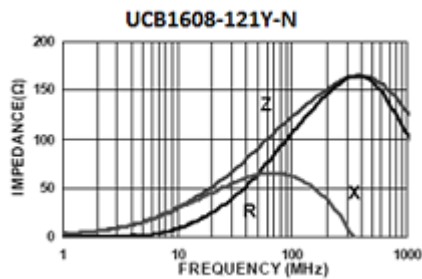
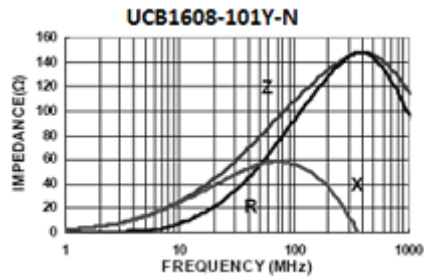
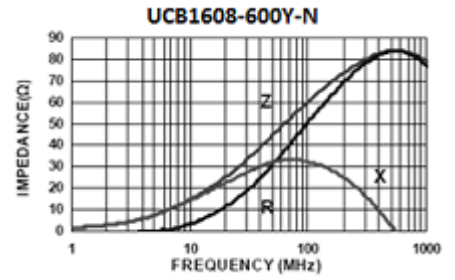
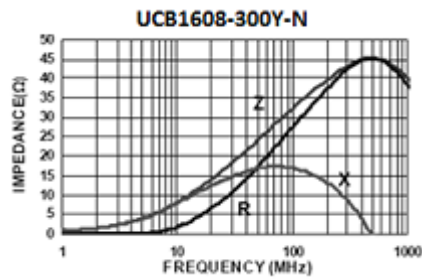
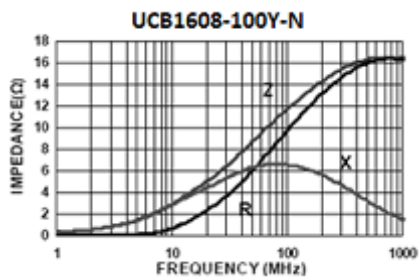


|   |               |     |
|---|---------------|-----|
| A | $1.6 \pm 0.2$ | m/m |
| B | $0.8 \pm 0.2$ | m/m |
| C | $0.8 \pm 0.2$ | m/m |
| D | $0.3 \pm 0.2$ | m/m |

## LARGE CURRENT MULTILAYER CHIP BEADS / UCB TYPE

### ELECTRICAL CHARACTERISTICS UCB1608

| Part No.         | Impedance ( $\Omega$ )<br>AT 100MHz | DC Resistance ( $\Omega$ )<br>Max | Rated Current (mA)<br>Max |
|------------------|-------------------------------------|-----------------------------------|---------------------------|
| UCB 1608-100 □-N | 10                                  | 0.010                             | 5000                      |
| UCB 1608-300 □-N | 30                                  | 0.015                             | 4500                      |
| UCB 1608-600 □-N | 60                                  | 0.020                             | 4000                      |
| UCB 1608-101 □-N | 100                                 | 0.030                             | 3000                      |
| UCB 1608-121 □-N | 120                                 | 0.030                             | 3000                      |
| UCB 1608-181 □-N | 180                                 | 0.050                             | 2000                      |
| UCB 1608-221 □-N | 220                                 | 0.040                             | 2500                      |



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