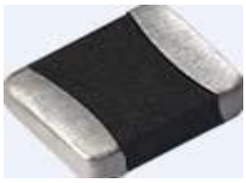
# Multilayer Chip Metal Alloy Bead

# HPCB-MB Series



## FEATURES

- Superior saturation characteristics result from metal alloy material
- Low profile and thin thickness, SMD type
- Low RDC, large rated current
- EMI suppression for dozens of MHz frequency

## APPLICATIONS

- Noise suppression for power lines of communication devices, A/V devices, servers, PC and peripherals, etc.

## PRODUCT IDENTIFICATION

| HPCB | — | M | 322520 | T | 300 | F | XX |
|---|---|---|---|---|---|---|---|
| A | | B | C | D | E | F | G |

A

| Type | |
|---|---|
| HPCB | Metal Alloy Multilayer Bead |

B

| Material code | |
|---|---|
| M | Metal alloy |

C

| External Dimensions (L×W) (mm) | |
|---|---|
| 322520 | 3.2X2.5X2.0(max) |

D

| Packing | |
|---|---|
| T | Tape Carrier Package |

E

| Nominal Impedance | |
|---|---|
| Example | Nominal Value |
| 300 | 30Ω |

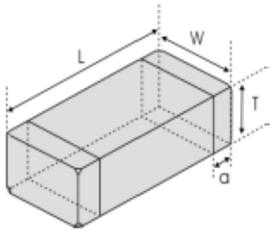
F

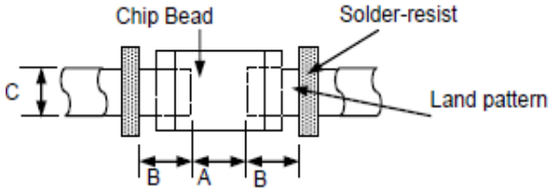
| Hazardous Substance Free Products |
|---|
| F |

G

| Internal Code |
|---|
| XX |

## SHAPE AND DIMENSIONS




Unit: mm [inch]

| Type | L | W | T | a | A | B | C |
|---|---|---|---|---|---|---|---|
| 322520 | 3.20(-0.10,+0.30)<br>[0.126(-0.004,+0.012)] | 2.50±0.20<br>[0.098±0.008] | 1.8±0.2<br>[0.071±0.008] | 0.7±0.3<br>[0.028±0.012] | 1.9~2.1 | 1.2~1.5 | 2.6~2.8 |

## SPECIFICATIONS

**HPCB-322520 TYPE**

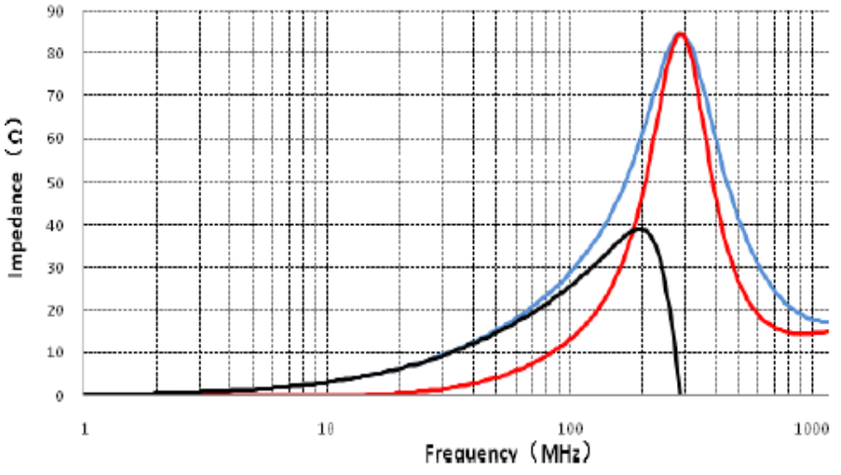
| Part Number | Impedance | L Test Freq. | Max. DC Resistance | Max. Rated Current | Thickness |
|---|---|---|---|---|---|
| Units<br>Symbol | Ω<br>Z | MHz<br>Freq. | mΩ<br>DCR | A<br>Ir | mm [inch]<br>T |
| HPCB-M322520T300 | 30±30% | 100 | 2 | 10 | 1.8±0.2<br>[0.071±0.008] |

※□: Products with other electrical characteristics can be provided upon customer's request.Please contact your local sales.

## TYPICAL ELECTRICAL CHARACTERISTICS

Impedance Frequency Characteristics

HPCB-M322520T300




HPCB-M322520T300