

Ferrite Chip Beads / Multilayer Chip Beads MB3216 SERIES ~

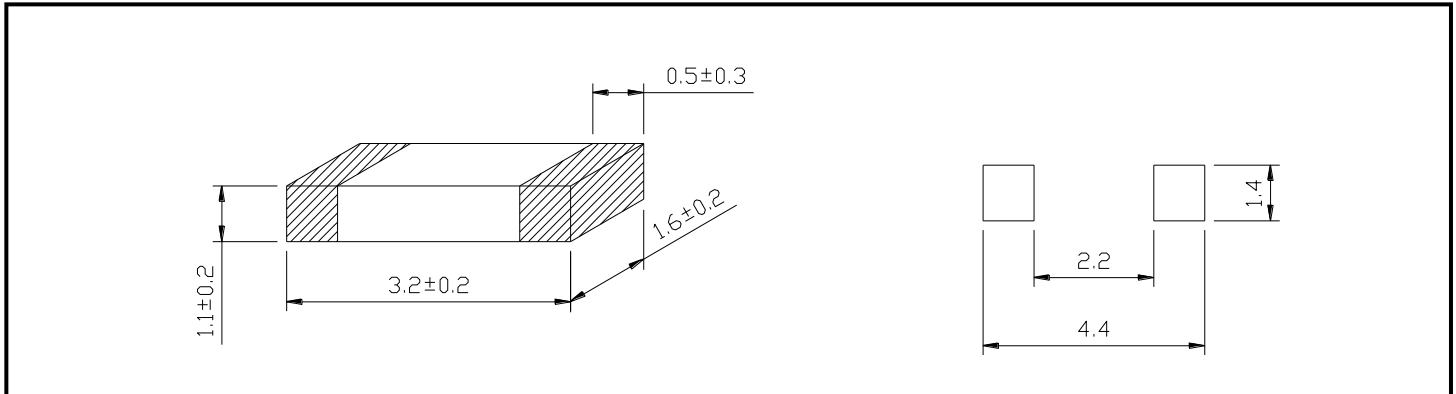


PART NUMBERING SYSTEM

| | | | | | |
|-----------|-------------|---|------------|---|-----------|
| MB | 3216 | — | 221 | — | LF |
| TYPE | DIMENSIONS | | IMPEDANCE | | LEAD FREE |

SHAPES AND DIMENSIONS

UNIT : mm



SPECIFICATION TABLE

| PART NUMBER | IMPEDANCE (Ω) at 100MHz | DCR (Ω) (max) | IDC (mA) (max) |
|--------------------|-------------------------------------|---------------------------|-------------------|
| MB3216-260-LF | 26±25% | 0.10 | 800 |
| MB3216-310-LF | 31±25% | 0.10 | 800 |
| MB3216-520-LF | 52±25% | 0.15 | 800 |
| MB3216-600-LF | 60±25% | 0.15 | 500 |
| MB3216-700-LF | 70±25% | 0.15 | 500 |
| MB3216-700-0.6A-LF | 70±25% | 0.10 | 600 |
| MB3216-800-LF | 80±25% | 0.15 | 500 |
| MB3216-900-LF | 90±25% | 0.15 | 500 |
| MB3216-101-LF | 100±25% | 0.20 | 450 |
| MB3216-121-LF | 120±25% | 0.20 | 450 |
| MB3216-151-LF | 150±25% | 0.20 | 450 |
| MB3216-221-LF | 220±25% | 0.20 | 350 |
| MB3216-301-LF | 300±25% | 0.20 | 350 |
| MB3216T-301-LF | 300±25% | 0.35 | 300 |
| MB3216-471-LF | 470±25% | 0.25 | 350 |

| PART NUMBER | IMPEDANCE (Ω) at 100MHz | DCR (Ω) (max) | IDC (mA) (max) |
|---------------------------|-------------------------------------|---------------------------|-------------------|
| MB3216-601-LF | 600 \pm 25% | 0.30 | 400 |
| MB3216HP-601-LF | 600 \pm 25% | 0.30 | 500 |
| MB3216-601-0.6A-LF | 600 \pm 25% | 0.25 | 600 |
| MB3216-751-LF | 750 \pm 25% | 0.30 | 350 |
| MB3216-102-LF | 1000 \pm 25% | 0.35 | 350 |
| MB3216-122-LF | 1200 \pm 25% | 0.35 | 350 |
| MB3216-152-LF | 1500 \pm 25% | 0.40 | 350 |
| MB3216T-152-LF | 1500 \pm 25% | 0.70 | 400 |
| MB3216-202-LF | 2000 \pm 25% (at 30MHz) | 0.60 | 200 |
| MB3216H-202-LF | 2000 \pm 25% (at 30MHz) | 0.50 | 300 |

- Test equipment : Agilent/HP-4291A impedance analyzer or equipment .
- Operating temperature range -55 $^{\circ}$ C to +125 $^{\circ}$ C
- Electrical specifications at 25 $^{\circ}$ C
- Noise reduction solution for general signal line.
- Great reduce the possibility of resonance and signal wave forms undistorted.
- Excellent solder heat resistance.
- Various impedances are available to match signal frequency.

IMPEDANCE vs FREQUENCY

