



Technical Specification

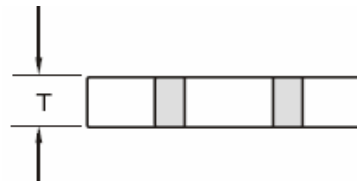
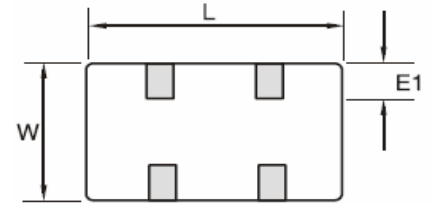
Features

- Closed magnetic circuit structure allows high density mounting on a pcb board, mounting while preventing crosswalk.
- Extremely high reliability due to entirely monolithic construction.
- Low DC resistance structure of electronic to prevent wasteful electric power consumption.
- High speed and wide band application.

Applications

Personal Computers, communications equipment, digital telephones, electronic games machine, CRTs, Hard disk drive, cellular phones, PDAs, Printers, High current DC lines and other computer peripheral products.

Dimensions



Chip Dimensions

| L (mm) | W (mm) | T (mm) | E1 (mm) |
|-------------|-------------|------------|------------|
| 2,0 +/-0,15 | 1,0 +/-0,15 | 0,5 +/-0,1 | 0,2 +/-0,1 |

Test conditions

| Specifications | Test Conditions | | Value | Unit | Tol. |
|----------------|-----------------|-----------------|-------------|----------|----------------|
| Impedance | 100Mhz | Z | 60 | Ω | +/- 20% |
| Max. Impedance | | Z | | Ω | typ. |
| DC-Resistance | | R _{DC} | 0,35 | Ω | max. |
| Rated Current | | I _{DC} | 50 | mA | max. |
| | | | | | |

Typical Impedance v.s. Frequency Curve:

IMPEDANCE (Ohm)

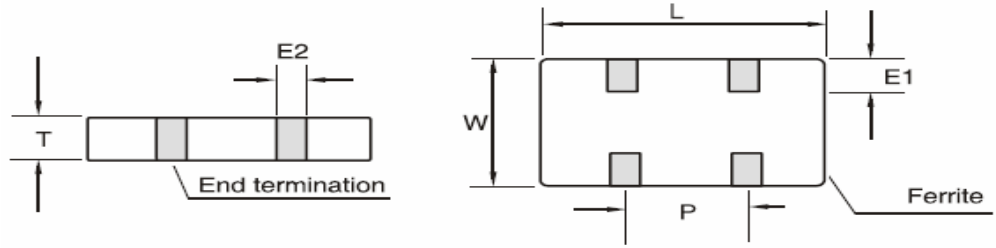
FREQUENCY (Mhz)

| | |
|-------------------------------|---------------|
| Ferrit Chip Bead Array | |
| Size 0804 2x0402 | |
| Serie No.: | G13004 |
| Customer: | |

| | | | | | | | |
|-------|--------|------|-------|--------|--------|-------|------------|
| DRW: | Johnny | CHKD | Carlo | MATL: | Wor | DATE | 06.06.2009 |
| APPD: | Elva | | | FINISH | Vienna | Sheet | 1 from 2 |



P.C.B. Layout Dimension



| | | | | | | |
|------|----------------|--------------|--------------|---------------|--------------|---------------|
| Code | L | W | T | E1 | E2 | P |
| 0804 | 2,0 / +/- 0,15 | 1,0 +/- 0,15 | 0,5 / +/-0,1 | 0,2 / +/- 0,1 | 0,2 / +/-0,2 | 0,8 / +/-0,15 |

Soldering Profile

Soldering Profile for Lead Soldering



Soldering Profile for Lead Free Soldering



Ordering Information

| Serie | Impedance | Tolerance | Current | ROHS | Packing |
|--------|-----------|-----------|---------|------|---------|
| G13004 | 600 | M | 500 | R | TRxxx |

| | | | | |
|-------------|------------------|-----------|---------------------------------------|---|
| 600= 60 Ohm | M= Tolerance 20% | 500= 50mA | R= ROHS conform N=NON ROHS conform | BU101= Bulk Ware 100PCS TRxxx= Tape/Reel xxxxPCS |
|-------------|------------------|-----------|---------------------------------------|---|

| | |
|--|--------|
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| | | | | | | | |
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| DRW: | Johnny | CHKD | Carlo | MATL: | Wor | DATE | 06.06.2007 |
| APPD: | Elva | | | FINISH | Vienna | Sheet | 2 from 2 |