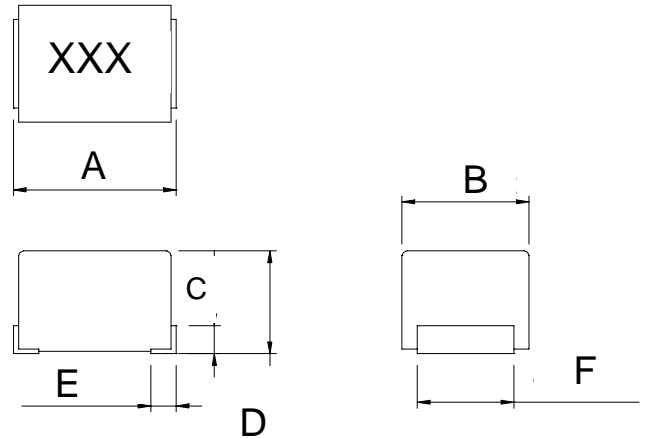


# MEC

MINGSTAR ELECTRONIC CORP.

Wound Chip Inductor



Dimensions:mm

A: $3.2\pm 0.2$

B: $2.5\pm 0.2$

C:0.6

D: $2.2\pm 0.2$

E: $0.4\pm 0.1$

F: $1.9\pm 0.1$



## ■ Features

- Made of fine ferrite materials and covers wide range of inductance.
- High Q value achieved by wire wound structure.
- Excellent heat resistance and mechanical strength due to the molding structure.
- Suitable for reflow, flow and iron soldering.

## ■ Applications

- Video cameras, Digital still cameras, Family TV game meachines, Car navigation systems, Computer peripherals, Mobile communications, Car electronics.

| Part No.       | Inductance | Q     | TESTING | S.R.F. | DC         | RATED DC |
|----------------|------------|-------|---------|--------|------------|----------|
|                | (uH)       | (Min) | FREQ    | (MHZ)  | RESISTANCE | CURRENT  |
|                |            |       | (MHZ)   | MIN    | (OHM)Max   | (MA)Max  |
| WI322522N-010□ | 0.010      | 15    | 100     | 2500   | 0.13       | 450      |
| WI322522N-012□ | 0.012      | 17    | 100     | 2300   | 0.14       | 450      |
| WI322522N-015□ | 0.015      | 19    | 100     | 2100   | 0.16       | 450      |
| WI322522N-018□ | 0.018      | 21    | 100     | 1900   | 0.18       | 450      |
| WI322522N-022□ | 0.022      | 23    | 100     | 1700   | 0.2        | 450      |
| WI322522N-027□ | 0.027      | 23    | 100     | 1500   | 0.22       | 450      |
| WI322522N-033□ | 0.033      | 25    | 100     | 1400   | 0.24       | 450      |
| WI322522N-039□ | 0.039      | 25    | 100     | 1300   | 0.27       | 450      |
| WI322522N-047□ | 0.047      | 26    | 100     | 1200   | 0.3        | 450      |
| WI322522N-056□ | 0.056      | 26    | 100     | 1100   | 0.33       | 450      |
| WI322522N-068□ | 0.068      | 27    | 100     | 1000   | 0.36       | 450      |
| WI322522N-082□ | 0.082      | 27    | 100     | 900    | 0.4        | 450      |
| WI322522N-R10□ | 0.10       | 28    | 100     | 700    | 0.44       | 450      |
| WI322522N-R12□ | 0.12       | 30    | 25.2    | 500    | 0.22       | 450      |
| WI322522N-R15□ | 0.15       | 30    | 25.2    | 450    | 0.25       | 450      |
| WI322522N-R18□ | 0.18       | 30    | 25.2    | 400    | 0.28       | 450      |
| WI322522N-R22□ | 0.22       | 30    | 25.2    | 350    | 0.32       | 450      |
| WI322522N-R27□ | 0.27       | 30    | 25.2    | 320    | 0.36       | 450      |
| WI322522N-R33□ | 0.33       | 30    | 25.2    | 300    | 0.4        | 450      |
| WI322522N-R39□ | 0.39       | 30    | 25.2    | 250    | 0.45       | 450      |
| WI322522N-R47□ | 0.47       | 30    | 25.2    | 220    | 0.5        | 450      |
| WI322522N-R56□ | 0.56       | 30    | 25.2    | 180    | 0.55       | 450      |
| WI322522N-R68□ | 0.68       | 30    | 25.2    | 160    | 0.6        | 450      |
| WI322522N-R82□ | 0.82       | 30    | 25.2    | 140    | 0.65       | 450      |
| WI322522N-1R0□ | 1.0        | 30    | 7.96    | 120    | 0.7        | 400      |
| WI322522N-1R2□ | 1.2        | 30    | 7.96    | 100    | 0.75       | 390      |
| WI322522N-1R5□ | 1.5        | 30    | 7.96    | 85     | 0.85       | 370      |

|                |     |    |       |    |     |     |
|----------------|-----|----|-------|----|-----|-----|
| WI322522N-1R8□ | 1.8 | 30 | 7.96  | 80 | 0.9 | 350 |
| WI322522N-2R2□ | 2.2 | 30 | 7.96  | 75 | 1   | 320 |
| WI322522N-2R7□ | 2.7 | 30 | 7.96  | 70 | 1.1 | 290 |
| WI322522N-3R3□ | 3.3 | 30 | 7.96  | 60 | 1.2 | 260 |
| WI322522N-3R9□ | 3.9 | 30 | 7.96  | 55 | 1.3 | 250 |
| WI322522N-4R7□ | 4.7 | 30 | 7.96  | 50 | 1.5 | 220 |
| WI322522N-5R6□ | 5.6 | 30 | 7.96  | 45 | 1.6 | 200 |
| WI322522N-6R8□ | 6.8 | 30 | 7.96  | 40 | 1.8 | 180 |
| WI322522N-8R2□ | 8.2 | 30 | 7.96  | 35 | 2   | 170 |
| WI322522N-100□ | 10  | 30 | 2.52  | 30 | 2.1 | 150 |
| WI322522N-120□ | 12  | 30 | 2.52  | 20 | 2.5 | 140 |
| WI322522N-150□ | 15  | 30 | 2.52  | 20 | 2.8 | 130 |
| WI322522N-180□ | 18  | 30 | 2.52  | 20 | 3.3 | 120 |
| WI322522N-220□ | 22  | 30 | 2.52  | 20 | 3.7 | 110 |
| WI322522N-270□ | 27  | 30 | 2.52  | 18 | 5   | 80  |
| WI322522N-330□ | 33  | 30 | 2.52  | 17 | 5.6 | 70  |
| WI322522N-390□ | 39  | 30 | 2.52  | 16 | 6.4 | 65  |
| WI322522N-470□ | 47  | 30 | 2.52  | 15 | 7   | 60  |
| WI322522N-560□ | 56  | 30 | 2.52  | 13 | 8   | 55  |
| WI322522N-680□ | 68  | 30 | 2.52  | 12 | 9   | 50  |
| WI322522N-820□ | 82  | 30 | 2.52  | 11 | 10  | 45  |
| WI322522N-101□ | 100 | 20 | 0.796 | 10 | 10  | 40  |
| WI322522N-121□ | 120 | 20 | 0.796 | 10 | 11  | 70  |
| WI322522N-151□ | 150 | 20 | 0.796 | 7  | 15  | 65  |
| WI322522N-181□ | 180 | 20 | 0.796 | 7  | 17  | 60  |
| WI322522N-221□ | 220 | 20 | 0.796 | 7  | 21  | 50  |
| WI322522N-271□ | 270 | 20 | 0.796 | 6  | 28  | 45  |
| WI322522N-331□ | 330 | 20 | 0.796 | 5  | 34  | 40  |

□ J=±5% K=±10% M=±20%