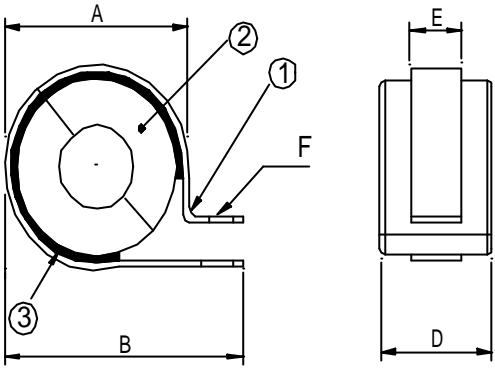
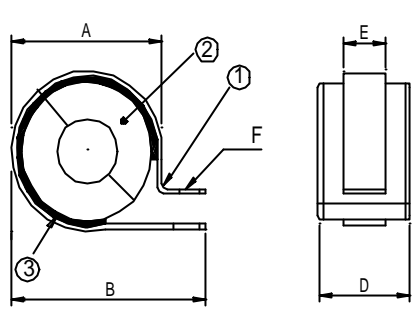


# SPECIFICATION FOR APPROVAL

|   |                 |           |           |            |      |    |
|---|-----------------|-----------|-----------|------------|------|----|
| CUSTOMER:   |                 | 2003/3/3  |           |            |      |    |
| ITEM: . TRCN-40-27-15   |                 | REF NO:   |           |            |      |    |
| (1) DIMENSION (Unit: mm)<br><br> |                 | A         | 45.20     | +<br>-     | 1.00 | mm |
|   |                 | B         | 58.20     | +<br>-     | 1.00 | mm |
|   |                 |           |           | +<br>-     |      | mm |
|   |                 | D         | 15.00     | +<br>-     | 0.50 | mm |
|   |                 | E         | 13.30     | +<br>-     | 1.00 | mm |
|   |                 |           |           | +<br>-     |      | mm |
|   |                 |           |           | +<br>-     |      | mm |
|   |                 |           |           | +<br>-     |      | mm |
|   |                 |           |           | +<br>-     |      | mm |
|   |                 |           |           | +<br>-     |      | mm |
| (2) ELECTRICAL REQUIREMENTS:  |                 |           |           |            |      |    |
| Z   | 40 - 0          | TEST FREQ | 25 MHz    |            |      |    |
| Z   | 100 - 0         | TEST FREQ | 100MHz    |            |      |    |
| Z   | 140 - 0         | TEST FREQ | 25 MHz    |            |      |    |
| Z   | 350 - 0         | TEST FREQ | 100MHz    |            |      |    |
|   |                 | TEST FREQ |           |            |      |    |
| COIL DATA   | Qo=<br>Lo=      | PF        | TEST FREQ |            |      |    |
|   |                 |           |           |            |      |    |
| Winding   | 0.65 X 120 mm   | 2U.E.W    | 1 TS      |            |      |    |
|   | 0.65 X 120 mm   | 2U.E.W    | 2 TS      |            |      |    |
| REMARK: core material: F5B  |                 |           |           |            |      |    |
| (3) TEST INSTRUMENTS  |                 |           |           |            |      |    |
| 1. IMPEDANCE ANALYZER HP4191A   |                 |           |           |            |      |    |
| DRAWN   | 范志榮<br>2003/3/3 | CHECKED   | APPROVED  | ISSUE NO.  |      |    |
| DATE  |                 | DATE      | 古盛癸       | JOX-RC-256 |      |    |
|   |                 |           | DATE      |            |      |    |

# INSPECTION DATA

ISSUE NO: JOX-RC-256

|             |  |  |          |          |     |
|-------------|--|--|----------|----------|-----|
| CUSTOMER    |  | DATE   | 2003/3/3 | Quantity | pcs |
| PART NO.    | TRCN-40-27-15  |  |          |          |     |
| ITEM        | .  |  |          |          |     |
| COIL SPEC   | 0.65 X 120 mm 2 U.E.W 1 TS                                     |  |          |          |     |
| COIL DATA   | Q0=                      C0=                      (PF)         |  |          |          |     |
| TEST FREQ   | F0=                      Hz Ft=25,100                      MHz |  |          |          |     |
| TEMPERATURE | 25                      Humidity                      83 %     |  |          |          |     |

|    | ELECTRIC CHAREC. |        |       |        | DIMENSION(Unit:mm) |       |   |       |       |   |   |   |   |
|----|------------------|--------|-------|--------|--------------------|-------|---|-------|-------|---|---|---|---|
|    | Z(25)            | Z(100) | Z(25) | Z(100) | A                  | B     | C | D     | E     | F | G | H | I |
| SP | 40.00            | 100.00 | 140.0 | 350.0  | 45.20              | 58.20 |   | 15.00 | 13.30 |   |   |   |   |
| +  |                  |        |       |        | 1.00               | 1.00  |   | 0.50  | 1.000 |   |   |   |   |
| -  | 0                | 0      | 0     | 0      | 1.00               | 1.00  |   | 0.50  | 1     |   |   |   |   |
| 1  | 50.77            | 122.0  | 170.5 | 406.0  |                    |       |   |       |       |   |   |   |   |
| 2  | 50.49            | 123.0  | 168.0 | 412.0  |                    |       |   |       |       |   |   |   |   |
| 3  | 49.50            | 122.3  | 173.0 | 409.0  |                    |       |   |       |       |   |   |   |   |
| 4  | 49.60            | 120.7  | 172.0 | 408.0  |                    |       |   |       |       |   |   |   |   |
| 5  | 49.80            | 122.0  | 169.0 | 412.0  |                    |       |   |       |       |   |   |   |   |
| 6  | 50.40            | 122.4  | 169.0 | 405.0  |                    |       |   |       |       |   |   |   |   |
| 7  | 50.15            | 122.0  | 171.0 | 406.0  |                    |       |   |       |       |   |   |   |   |
| 8  | 50.46            | 121.5  | 170.0 | 409.0  |                    |       |   |       |       |   |   |   |   |
| 9  | 50.22            | 122.4  | 172.0 | 405.0  |                    |       |   |       |       |   |   |   |   |
| 10 | 49.98            | 121.9  | 169.0 | 405.0  |                    |       |   |       |       |   |   |   |   |
| X  | 50.14            | 122.0  | 170.4 | 407.7  |                    |       |   |       |       |   |   |   |   |
| R  | 1.27             | 2.30   | 5.00  | 7.00   |                    |       |   |       |       |   |   |   |   |

TEST INSTRUMENTS  
1. IMPEDANCE ANALYZER HP4191A

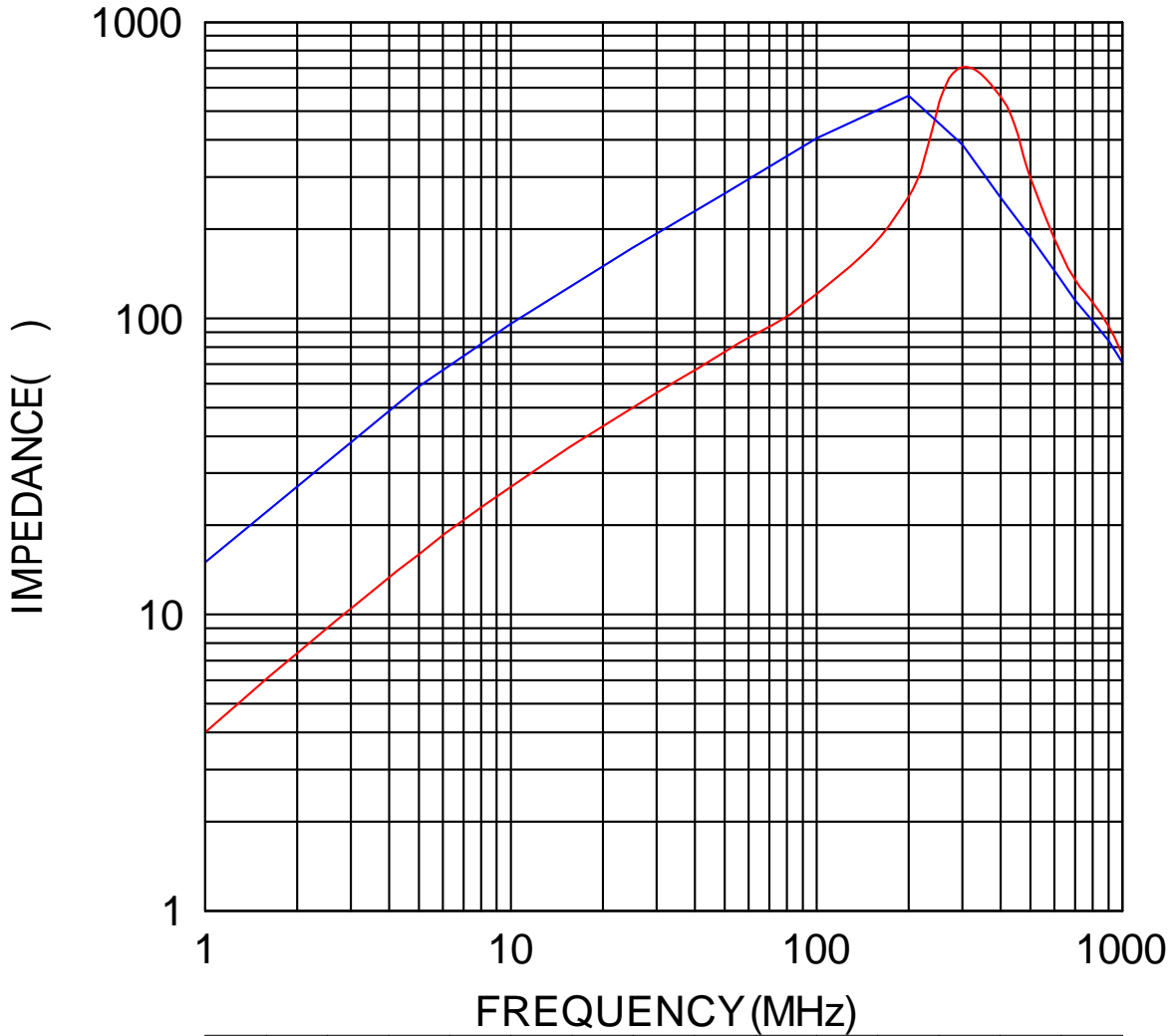
INSP No:

REMARK:

| Inspected       | Checked | Approved |
|-----------------|---------|----------|
| 范志榮<br>2003/3/3 |         | 古盛癸      |

# Z-F RESPONSE

1. TEST INSTRUMENT:HP4191A
2. WINDING:0.65X120 mm 2 U.E.W 1Ts/ 2Ts



|          | 1  | 5  | 10 | 25  | 50  | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
|----------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| Z(2Ts) — | 15 | 59 | 96 | 173 | 264 | 405 | 563 | 386 | 255 | 188 | 145 | 115 | 98  | 84  | 71   |
| Z(1Ts) — | 4  | 16 | 27 | 50  | 77  | 121 | 257 | 705 | 559 | 298 | 186 | 135 | 113 | 94  | 75   |

(DATA BETWEEN 500MHz AND 1000MHz ARE FOR REFERENCE ONLY)

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