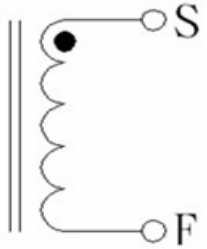


# SPECIFICATION FOR APPROVAL

|                                                                                                                                                                        |                             |                                                                                      |                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------|----------------|
| CUSTOMER:                                                                                                                                                              |                             | DWG.NO: DL2504091                                                                    |                |
| PART NO: SRI1207-102M                                                                                                                                                  |                             | CUST.DWG.NO:                                                                         |                |
| CUSTOMER PART NO:                                                                                                                                                      |                             | DOC: Y012504                                                                         |                |
| (1) DIMENSION(UNIT: mm)                                                                                                                                                |                             | A                                                                                    | 12.0 ± 0.5 m/m |
|                                                                                                                                                                        |                             | B                                                                                    | 12.0 ± 0.5 m/m |
|                                                                                                                                                                        |                             | C                                                                                    | 8.0 (MAX) m/m  |
|                                                                                                                                                                        |                             | D                                                                                    | 8.0 (REF) m/m  |
|                                                                                                                                                                        |                             | E                                                                                    | 5.0 (REF) m/m  |
|                                                                                                                                                                        |                             | F                                                                                    | m/m            |
|                                                                                                                                                                        |                             | G                                                                                    | m/m            |
| (2)ELECTRICAL REQUIREMENTS                                                                                                                                             |                             | (3)SCHEMATIC                                                                         |                |
| L (mH)                                                                                                                                                                 | 1.0 ± 20%                   |                                                                                      |                |
| RDC (Ω)                                                                                                                                                                | 1.5 (MAX)                   |                                                                                      |                |
| IDC (A)                                                                                                                                                                | 0.95 (MAX)                  |                                                                                      |                |
| TEST CONDITION                                                                                                                                                         | 1KHZ / 1V                   |                                                                                      |                |
| (4)MATERIAL LIST                                                                                                                                                       |                             |  |                |
| NO/ITEM                                                                                                                                                                | MATERIAL                    |                                                                                      |                |
| CORE                                                                                                                                                                   | DR9.9×7 RIS12×7×10.6 OR EQU |                                                                                      |                |
| WIRE TYPE                                                                                                                                                              | 2UEW ϕ 0.23 OR EQU          |                                                                                      |                |
| WINDING                                                                                                                                                                | 115.5 TS (REF)              |                                                                                      |                |
| BASE                                                                                                                                                                   | C-1200-1A OR EQU            | SHUO CHENG OR EQU                                                                    |                |
| Application Notice<br>Operating Temperature: -40°C~+125°C<br>Storage Temperature: 10°C~30°C<br>Humidity: RH20%~75%<br>Safe Storage Life: SMD 8 Months And DIP 6 Months |                             | APPROVED BY 吳載敏                                                                      |                |
|                                                                                                                                                                        |                             | CHECKED BY 張明德                                                                       |                |
|                                                                                                                                                                        |                             | DRAWN BY Yumi                                                                        |                |

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# TEST DATA

|                                                                                         |              |              |               |                       |                    |              |  |
|-----------------------------------------------------------------------------------------|--------------|--------------|---------------|-----------------------|--------------------|--------------|--|
| CUSTOMER:                                                                               |              |              |               | DWG.NO: DL2504091     |                    |              |  |
| PART NO: SRI1207-102M                                                                   |              |              |               | CUST.DWG.NO:          |                    |              |  |
| CUSTOMER PART NO:                                                                       |              |              |               | DOC: Y012504          |                    |              |  |
| TEST CONDITION: 1KHZ / 1V                                                               |              |              |               | DIMENSION (UNIT : mm) |                    |              |  |
| ITEM                                                                                    | L<br>(mH)    | RDC<br>(Ω)   | IDC<br>(A)    | A                     | B                  | C            |  |
| SPEC                                                                                    | 1.0<br>± 20% | 1.5<br>(MAX) | 0.95<br>(MAX) | 12.0<br>± 0.5         | 12.0<br>± 0.5      | 8.0<br>(MAX) |  |
| 1                                                                                       | 0.99         | 1.21         | OK            | 12.06                 | 12.11              | 7.70         |  |
| 2                                                                                       | 0.99         | 1.22         | OK            | 12.07                 | 12.06              | 7.80         |  |
| 3                                                                                       | 1.01         | 1.22         | OK            | 12.06                 | 12.07              | 7.90         |  |
| 4                                                                                       | 0.98         | 1.22         | OK            | 12.08                 | 12.08              | 7.60         |  |
| 5                                                                                       | 1.02         | 1.21         | OK            | 12.11                 | 12.03              | 7.80         |  |
| 6                                                                                       | 1.01         | 1.22         | OK            | 12.07                 | 12.07              | 7.70         |  |
| 7                                                                                       | 1.00         | 1.21         | OK            | 12.08                 | 12.04              | 7.80         |  |
| 8                                                                                       | 1.01         | 1.21         | OK            | 12.07                 | 12.09              | 7.80         |  |
| 9                                                                                       | 0.99         | 1.21         | OK            | 12.06                 | 12.07              | 7.60         |  |
| 10                                                                                      | 0.98         | 1.21         | OK            | 12.07                 | 12.07              | 7.80         |  |
| X                                                                                       | 1.00         | 1.21         |               | 12.07                 | 12.07              | 7.75         |  |
| R                                                                                       | 0.04         | 0.01         |               | 0.05                  | 0.08               | 0.30         |  |
| TEST INSTRUMENTS<br>VR-1153 LCR METER<br>VR-1153 RDC METER<br>VR126+VR7220 BA/S CURRENT |              |              |               |                       | APPROVED BY<br>吳載敏 |              |  |
|                                                                                         |              |              |               |                       | CHECKED BY<br>張明德  |              |  |
|                                                                                         |              |              |               |                       | DRAWN BY<br>Yumi   |              |  |

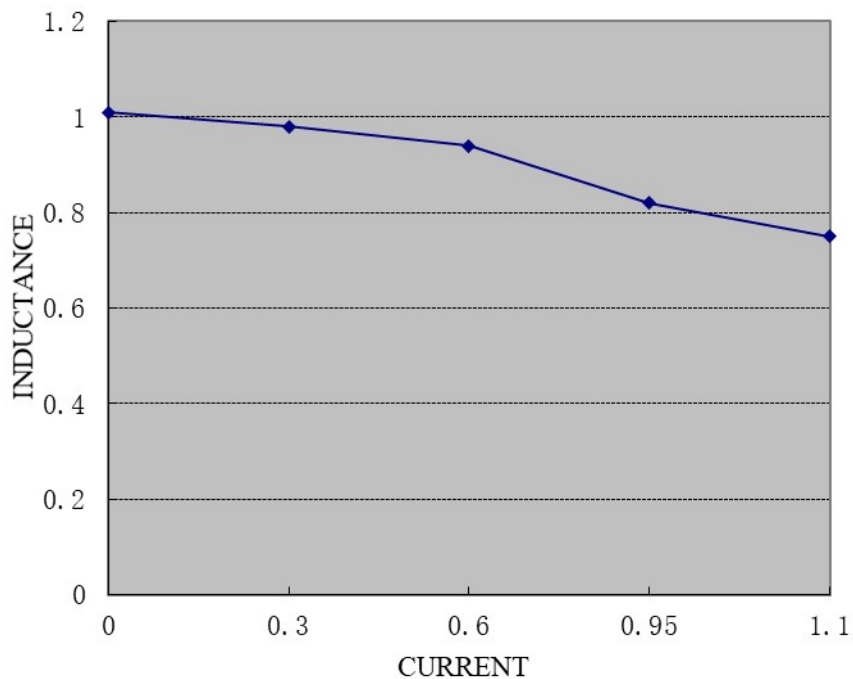
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# INDUCTANCE VS CURRENT

|                       |                   |
|-----------------------|-------------------|
| CUSTOMER:             | DWG.NO: DL2504091 |
| PART NO: SRI1207-102M | CUST.DWG.NO:      |
| CUSTOMER PART NO:     | DOC: Y012504      |

| CURRENT VS INDUCTANCE |                |  |  |  |  |
|-----------------------|----------------|--|--|--|--|
| IDC (A)               | INDUCTANCE(uH) |  |  |  |  |
| 0                     | 1.01           |  |  |  |  |
| 0.30                  | 0.98           |  |  |  |  |
| 0.60                  | 0.94           |  |  |  |  |
| 0.95                  | 0.82           |  |  |  |  |
| 1.10                  | 0.75           |  |  |  |  |
|                       |                |  |  |  |  |
|                       |                |  |  |  |  |
|                       |                |  |  |  |  |



|                    |                   |                  |
|--------------------|-------------------|------------------|
| APPROVED BY<br>吳載敏 | CHECKED BY<br>張明德 | DRAWN BY<br>Yumi |
|--------------------|-------------------|------------------|

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