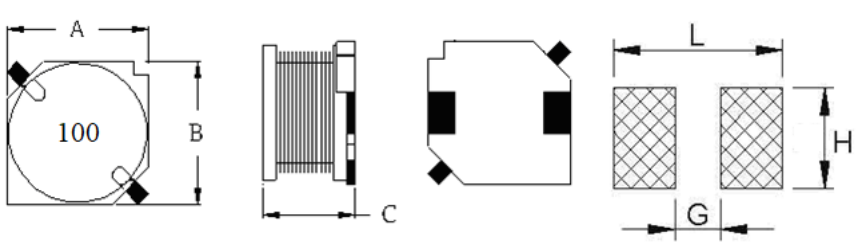
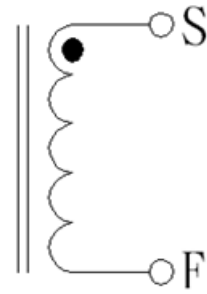


# SPECIFICATION FOR APPROVAL

|  |                           |  |           |     |
|--|---------------------------|--|-----------|-----|
| CUSTOMER:  |                           | DATE:  |           |     |
| PART NO: TPY0705-100M  |                           | DWG.NO: DL3317125  |           |     |
| CUSTOMER PART NO:  |                           | CUST.DWG.NO:   |           |     |
| (1) DIMENSION(UNIT: mm)<br><br> |                           | A  | 7.0 ± 0.3 | m/m |
|  |                           | B  | 7.0 ± 0.3 | m/m |
|  |                           | C  | 4.6 ± 0.3 | m/m |
|  |                           | D  |           | m/m |
|  |                           | G  | 4.9 (RFE) | m/m |
|  |                           | H  | 2.2 (REF) | m/m |
|  |                           | L  | 7.9 (RFE) | m/m |
|  |                           | J  |           | m/m |
| (2)ELECTRICAL REQUIREMENTS   |                           | (3)SCHEMATIC   |           |     |
| L (uH)   | 10 ± 20%                  |  |           |     |
| RDC (Ω)  | 0.1 (MAX)                 |  |           |     |
| IDC (A)  | 3.0 (MAX)                 |  |           |     |
| TEST CONDITION   | 1KHz / 0.5V               |  |           |     |
| (4)MATERIAL LIST   |                           |  |           |     |
| NO/ITEM  | MATERIAL                  | SUPPLIER   |           |     |
| CORE   | DR5.4×4(S) B2.5 F2.5 或同等級 | 昱欣   |           |     |
| WIRE TYPE  | 2UEW φ 0.32m/m 或同等級       | 上海中馬   |           |     |
| WINDING  | 20.5 TS (REF)             |  |           |     |
| BASE   | 彈片 C-0034-1 或同等級          | 碩誠   |           |     |
|  |                           | APPROVED BY<br>吳載敏   |           |     |
|  |                           | CHECKED BY<br>張明德  |           |     |
|  |                           | DRAWN BY<br>Vicky  |           |     |

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# TEST DATA

| CUSTOMER:   |             |              |              | DATE:                 |              |              |  |
|---|-------------|--------------|--------------|-----------------------|--------------|--------------|--|
| PART NO: TPY0705-100M   |             |              |              | DWG.NO: DL3317125     |              |              |  |
| CUSTOMER PART NO :  |             |              |              | CUST.DWG.NO :         |              |              |  |
| TEST CONDITION: 1KHz / 0.5V   |             |              |              | DIMENSION (UNIT : mm) |              |              |  |
| ITEM  | L<br>(uH)   | RDC<br>(Ω)   | IDC<br>(A)   | A                     | B            | C            |  |
| SPEC  | 10<br>± 20% | 0.1<br>(MAX) | 3.0<br>(MAX) | 7.0<br>± 0.3          | 7.0<br>± 0.3 | 4.6<br>± 0.3 |  |
| 1   | 9.1         | 0.05         | OK           | 6.97                  | 7.03         | 4.54         |  |
| 2   | 9.7         | 0.06         | OK           | 6.96                  | 7.03         | 4.51         |  |
| 3   | 10.3        | 0.05         | OK           | 6.99                  | 7.02         | 4.50         |  |
| 4   | 10.6        | 0.06         | OK           | 6.97                  | 7.02         | 4.52         |  |
| 5   | 9.8         | 0.05         | OK           | 6.96                  | 7.05         | 4.54         |  |
| 6   | 10.5        | 0.05         | OK           | 6.97                  | 7.01         | 4.53         |  |
| 7   | 9.8         | 0.06         | OK           | 6.99                  | 7.02         | 4.52         |  |
| 8   | 9.6         | 0.05         | OK           | 6.96                  | 7.04         | 4.54         |  |
| 9   | 9.9         | 0.06         | OK           | 6.98                  | 7.03         | 4.53         |  |
| 10  | 10.1        | 0.06         | OK           | 6.96                  | 7.04         | 4.52         |  |
| $\bar{X}$   | 9.9         | 0.06         |              | 6.97                  | 7.03         | 4.53         |  |
| R   | 1.5         | 0.01         |              | 0.03                  | 0.04         | 0.04         |  |
| TEST INSTRUMENTS<br>HIOKI3532-50 LCR METER<br>VR-131 RDC METER<br>VR116+VR7220 BA/S CURRENT |             |              |              | APPROVED BY           |              |              |  |
|   |             |              |              | 吳載敏                   |              |              |  |
|   |             |              |              | CHECKED BY            |              |              |  |
|   |             |              |              | 張明德                   |              |              |  |
|   |             |              |              | DRAWN BY              |              |              |  |
|   |             |              |              | Vicky                 |              |              |  |

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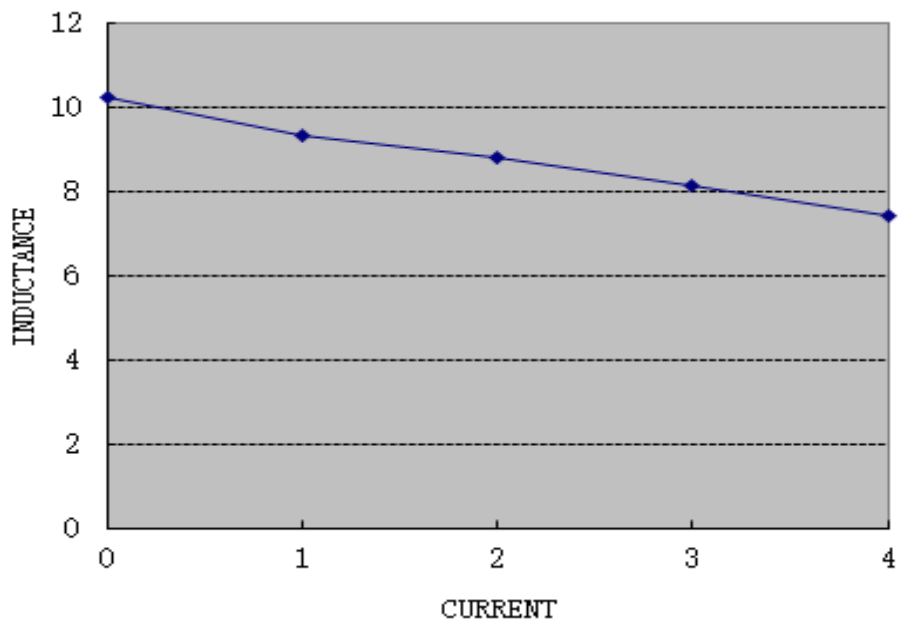
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# INDUCTANCE VS CURRENT

|                       |                   |
|-----------------------|-------------------|
| CUSTOMER:             | DATE:             |
| PART NO: TPY0705-100M | DWG.NO: DL3317125 |
| CUSTOMER PART NO :    | CUST.DWG.NO :     |

| CURRENT VS INDUCTANCE |                |  |  |  |  |
|-----------------------|----------------|--|--|--|--|
| IDC(A)                | INDUCTANCE(uH) |  |  |  |  |
| 0                     | 10.2           |  |  |  |  |
| 1.0                   | 9.3            |  |  |  |  |
| 2.0                   | 8.8            |  |  |  |  |
| 3.0                   | 8.1            |  |  |  |  |
| 4.0                   | 7.4            |  |  |  |  |
|                       |                |  |  |  |  |
|                       |                |  |  |  |  |
|                       |                |  |  |  |  |
|                       |                |  |  |  |  |



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

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