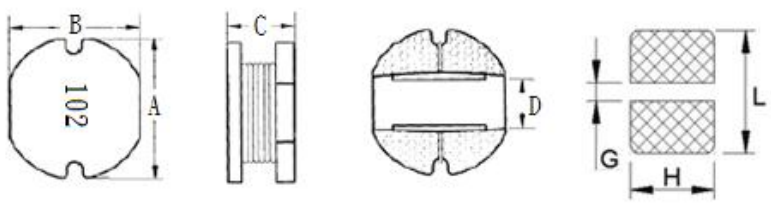
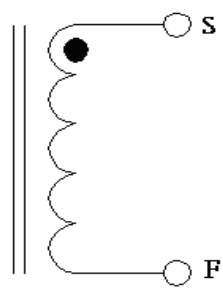


SPECIFICATION FOR APPROVAL

| | | |
|--|---------------------|--|
| CUSTOMER: | | DATE: |
| PART NO: FPI0503-102K | | DWG.NO: MY0265889 |
| CUSTOMER PART NO: | | CUST.DWG.NO: |
| (1) DIMENSION(UNIT: mm)  | | A 5.8 ± 0.3 m/m |
| | | B 5.2 ± 0.3 m/m |
| | | C 3.0 ± 0.5 m/m |
| | | D 1.3 (REF) m/m |
| | | E m/m |
| | | G 1.7 (REF) m/m |
| | | H 5.5 (REF) m/m |
| | | L 6.5 (REF) m/m |
| | | (2)ELECTRICAL REQUIREMENTS |
| L (mH) | 1 ± 10% |  |
| RDC (Ω) | 8 (MAX) | |
| IDC (A) | 0.31 (MAX) | |
| TEST CONDITION | 1KHZ / 1V | |
| (4)MATERIAL LIST | | |
| NO/ITEM | MATERIAL | SUPPLIER |
| CORE | R5A DR5.8×3.0 或同等級 | 昱欣 |
| WIRE TYPE | 2UEW φ 0.08m/m 或同等級 | 上海中馬 |
| WINDING | 182.5 TS (REF) | |
| BASE | | |
| | | APPROVED BY 吳載敏 |
| | | CHECKED BY 張明德 |
| | | DRAWN BY Vivian |

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TEST DATA

| CUSTOMER: | | | | DATE: | | | |
|---|------------|------------|---------------|--|--------------|--------------|--|
| PART NO: FPI0503-102K | | | | DWG.NO: MY0265889 | | | |
| CUSTOMER PART NO : | | | | CUST.DWG.NO : | | | |
| TEST CONDITION: 1KHZ / 1V | | | | DIMENSION (UNIT : mm) | | | |
| ITEM | L (mH) | RDC (Ω) | IDC (A) | A | B | C | |
| SPEC | 1 ± 10% | 8 (MAX) | 0.31 (MAX) | 5.8 ± 0.3 | 5.2 ± 0.3 | 3.0 ± 0.5 | |
| 1 | 1.013 | 7.78 | OK | 5.71 | 5.25 | 3.12 | |
| 2 | 1.009 | 7.74 | OK | 5.73 | 5.24 | 3.16 | |
| 3 | 1.012 | 7.65 | OK | 5.75 | 5.22 | 3.15 | |
| 4 | 1.000 | 7.63 | OK | 5.75 | 5.23 | 3.11 | |
| 5 | 1.013 | 7.66 | OK | 5.76 | 5.23 | 3.15 | |
| 6 | 1.013 | 7.73 | OK | 5.74 | 5.26 | 3.13 | |
| 7 | 1.018 | 7.67 | OK | 5.72 | 5.25 | 3.15 | |
| 8 | 0.996 | 7.69 | OK | 5.73 | 5.24 | 3.14 | |
| 9 | 1.010 | 7.67 | OK | 5.76 | 5.21 | 3.11 | |
| 10 | 1.013 | 7.79 | OK | 5.72 | 5.23 | 3.10 | |
| \bar{X} | 1.010 | 7.70 | | 5.74 | 5.24 | 3.13 | |
| R | 0.022 | 0.16 | | 0.05 | 0.05 | 0.06 | |
| TEST INSTRUMENTS DV-6021 LCR METER VR-131 RDC METER CH-301A BA/S CURRENT | | | | APPROVED BY <div style="text-align: right;">吳載敏</div> | | | |
| | | | | CHECKED BY <div style="text-align: right;">張明德</div> | | | |
| | | | | DRAWN BY <div style="text-align: right;">Vivian</div> | | | |

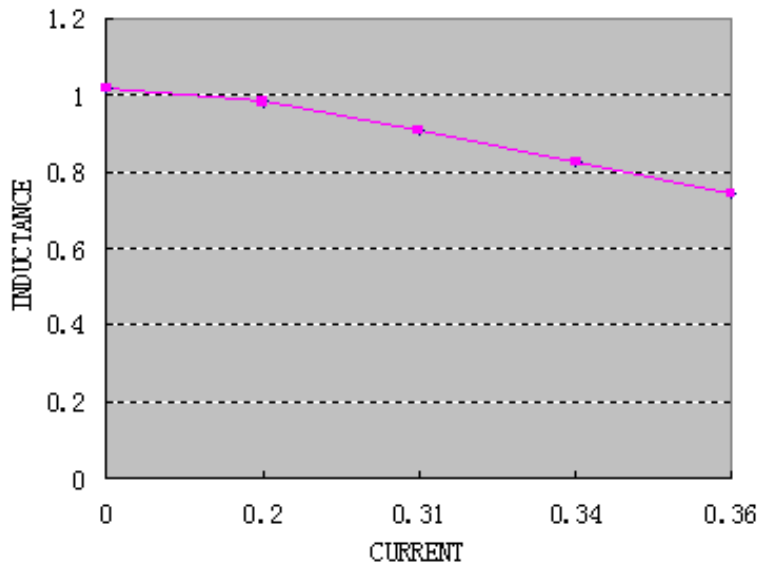
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INDUCTANCE VS CURRENT

| | |
|-----------------------|-------------------|
| CUSTOMER: | DATE: |
| PART NO: FPI0503-102K | DWG.NO: MY0265889 |
| CUSTOMER PART NO : | CUST.DWG.NO : |

| CURRENT VS INDUCTANCE | | | | | |
|-----------------------|----------------|--|--|--|--|
| IDC (A) | INDUCTION (mH) | | | | |
| 0 | 1.018 | | | | |
| 0.20 | 0.983 | | | | |
| 0.31 | 0.908 | | | | |
| 0.34 | 0.826 | | | | |
| 0.36 | 0.743 | | | | |
| | | | | | |
| | | | | | |
| | | | | | |



| | | |
|--------------------|-------------------|--------------------|
| APPROVED BY 吳載敏 | CHECKED BY 張明德 | DRAWN BY Vivian |
|--------------------|-------------------|--------------------|

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