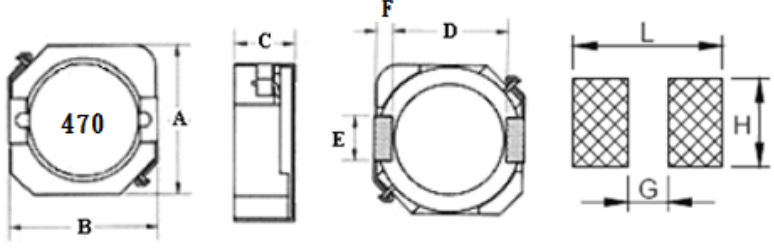
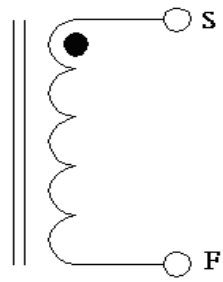


SPECIFICATION FOR APPROVAL

| | | |
|---|---|--|
| CUSTOMER: | | DATE: |
| PART NO: SDI105R-470M | | DWG.NO: MY2369891 |
| CUSTOMER PART NO: | | CUST.DWG.NO: |
| (1) DIMENSION(UNIT: mm) | | |
|  | | A 10.3 (MAX) m/m |
| | | B 10.5 (MAX) m/m |
| | | C 5.0 (MAX) m/m |
| | | D 7.7 (REF) m/m |
| | | E 3.0 (REF) m/m |
| | | F 1.2 (REF) m/m |
| | | G 7.3 (REF) m/m |
| | | H 3.6 (REF) m/m |
| | | L 10.7 (REF) m/m |
| | | (2)ELECTRICAL REQUIREMENTS |
| L (uH) | 47 ± 20% |  |
| RDC (Ω) | 0.11 (MAX) | |
| IDC (A) | 2.05 (MAX) | |
| TEST CONDITION | 100KHZ / 0.1V | |
| (4)MATERIAL LIST | | |
| NO/ITEM | MATERIAL | SUPPLIER |
| CORE | DR9.75×4.6 B4.8 F3.0 RI10×4.3×8.2 或同等級 | 昱欣 |
| WIRE TYPE | 2UEW φ 0.25m/m×2P 或同等級 | 上海中馬 |
| WINDING | 21.5 TS (REF) | |
| BASE | C-105R 或同等級 | 碩誠 |
| | | APPROVED BY 吳載敏 |
| | | CHECKED BY 張明德 |
| | | DRAWN BY Vivian |

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TEST DATA

| CUSTOMER: | | | | DATE: | | | |
|---|-------------|---------------|---------------|-----------------------|---------------|--------------|--|
| PART NO: SDI105R-470M | | | | DWG.NO: MY2369891 | | | |
| CUSTOMER PART NO : | | | | CUST.DWG.NO : | | | |
| TEST CONDITION: 100KHZ / 0.1V | | | | DIMENSION (UNIT : mm) | | | |
| ITEM | L (uH) | RDC (Ω) | IDC (A) | A | B | C | |
| SPEC | 47 ± 20% | 0.11 (MAX) | 2.05 (MAX) | 10.3 (MAX) | 10.5 (MAX) | 5.0 (MAX) | |
| 1 | 46.6 | 0.085 | OK | 10.07 | 10.34 | 4.78 | |
| 2 | 44.8 | 0.087 | OK | 10.05 | 10.33 | 4.79 | |
| 3 | 47.1 | 0.086 | OK | 10.06 | 10.35 | 4.77 | |
| 4 | 45.5 | 0.086 | OK | 10.04 | 10.32 | 4.80 | |
| 5 | 46.2 | 0.087 | OK | 10.07 | 10.35 | 4.78 | |
| 6 | 46.7 | 0.085 | OK | 10.06 | 10.32 | 4.79 | |
| 7 | 46.5 | 0.087 | OK | 10.05 | 10.32 | 4.80 | |
| 8 | 46.4 | 0.087 | OK | 10.07 | 10.33 | 4.78 | |
| 9 | 46.4 | 0.087 | OK | 10.03 | 10.34 | 4.79 | |
| 10 | 45.7 | 0.085 | OK | 10.06 | 10.31 | 4.76 | |
| \bar{X} | 46.2 | 0.086 | | 10.06 | 10.33 | 4.78 | |
| R | 2.3 | 0.002 | | 0.04 | 0.040 | 0.04 | |
| TEST INSTRUMENTS HIOKI3532-50 LCR METER VR-131 RDC METER VR116+VR7220 BA/S CURRENT | | | | APPROVED BY | | | |
| | | | | 吳載敏 | | | |
| | | | | CHECKED BY | | | |
| | | | | 張明德 | | | |
| | | | | DRAWN BY | | | |
| | | | | Vivian | | | |

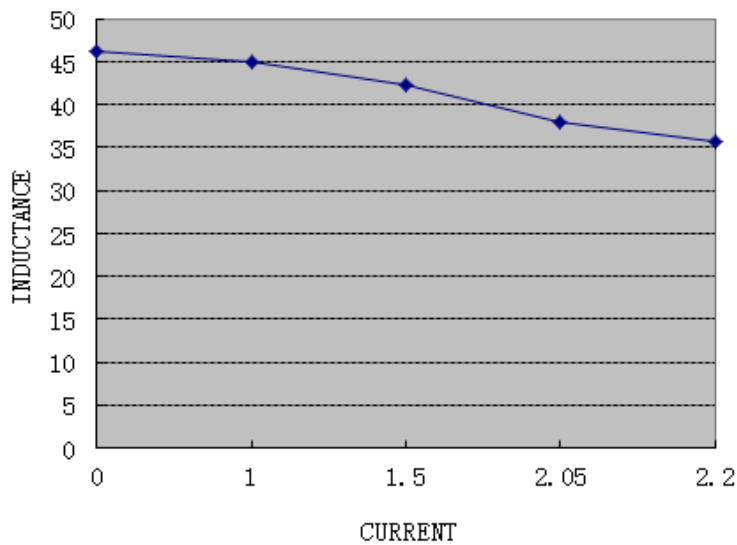
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INDUCTANCE VS CURRENT

| | |
|-----------------------|-------------------|
| CUSTOMER: | DATE: |
| PART NO: SDI105R-470M | DWG.NO: MY2369891 |
| CUSTOMER PART NO : | CUST.DWG.NO : |

| CURRENT VS INDUCTANCE | | | | | |
|-----------------------|---------------------|--|--|--|--|
| IDC(A) | INDUCTION(μ H) | | | | |
| 0 | 46.3 | | | | |
| 1.00 | 44.9 | | | | |
| 1.50 | 42.4 | | | | |
| 2.05 | 37.9 | | | | |
| 2.20 | 35.8 | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |



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

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