

SPECIFICATION FOR APPROVAL

| | | | |
|--------------------------------|--|-----------------------------|----------------|
| CUSTOMER: | | DATE: | |
| PART NO: SRI1004-471M | | DWG.NO: MY0260449 | |
| CUSTOMER PART NO: | | CUST.DWG.NO: | |
| <p>(1) DIMENSION(UNIT: mm)</p> | | A | 10.0 ± 0.5 m/m |
| | | B | 10.0 ± 0.5 m/m |
| | | C | 4.50 (MAX) m/m |
| | | D | 6.10 (REF) m/m |
| | | E | 3.86 (REF) m/m |
| | | G | 5.20 (REF) m/m |
| | | H | 4.00 (REF) m/m |
| | | L | 10.5 (REF) m/m |
| | | (2) ELECTRICAL REQUIREMENTS | |
| L (uH) | 470 ± 20% | | |
| RDC (Ω) | 1.23 (MAX) | | |
| IDC (A) | 0.72 (MAX) | | |
| TEST CONDITION | 1KHZ / 1V | | |
| (4) MATERIAL LIST | | | |
| NO/ITEM | MATERIAL | SUPPLIER | |
| CORE | DR7.9×4 B4.5 F2.0 RI10.0×3.9×8.4 或同等級 | 昱欣 | |
| WIRE TYPE | 2UEW ϕ 0.12m/m×2P 或同等級 | 上海中馬 | |
| WINDING | 80.5 TS (REF) | | |
| BASE | C-DH-73 或同等級 | 碩誠 | |
| | | APPROVED BY 吳載敏 | |
| | | CHECKED BY 張明德 | |
| | | DRAWN BY LISA | |

CORE MASTER ENTERPRISE CO., LTD.

TEL:886-2-8919-1288 FAX:886-2-8919-1298 WEB:www.coremaster.com.tw

TEST DATA

| CUSTOMER: | | | | DATE: | | | |
|--|--------------|---------------|---------------|-----------------------|---------------|---------------|--|
| PART NO: SRI1004-471M | | | | DWG.NO: MY0260449 | | | |
| CUSTOMER PART NO : | | | | CUST.DWG.NO : | | | |
| TEST CONDITION: 1KHZ / 1V | | | | DIMENSION (UNIT : mm) | | | |
| ITEM | L (uH) | RDC (Ω) | IDC (A) | A | B | C | |
| SPEC | 470 ± 20% | 1.23 (MAX) | 0.72 (MAX) | 10.0 ± 0.5 | 10.0 ± 0.5 | 4.50 (MAX) | |
| 1 | 455 | 1.19 | OK | 10.14 | 10.18 | 4.23 | |
| 2 | 460 | 1.19 | OK | 10.16 | 10.20 | 4.25 | |
| 3 | 461 | 1.19 | OK | 10.17 | 10.18 | 4.22 | |
| 4 | 458 | 1.19 | OK | 10.18 | 10.17 | 4.21 | |
| 5 | 455 | 1.19 | OK | 10.18 | 10.20 | 4.21 | |
| 6 | 457 | 1.20 | OK | 10.20 | 10.18 | 4.21 | |
| 7 | 452 | 1.20 | OK | 10.18 | 10.20 | 4.24 | |
| 8 | 459 | 1.19 | OK | 10.18 | 10.18 | 4.22 | |
| 9 | 457 | 1.20 | OK | 10.19 | 10.18 | 4.23 | |
| 10 | 456 | 1.20 | OK | 10.21 | 10.18 | 4.23 | |
| \bar{X} | 457 | 1.19 | | 10.18 | 10.19 | 4.23 | |
| R | 9 | 0.01 | | 0.07 | 0.03 | 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 | | | |
| | | | | LISA | | | |

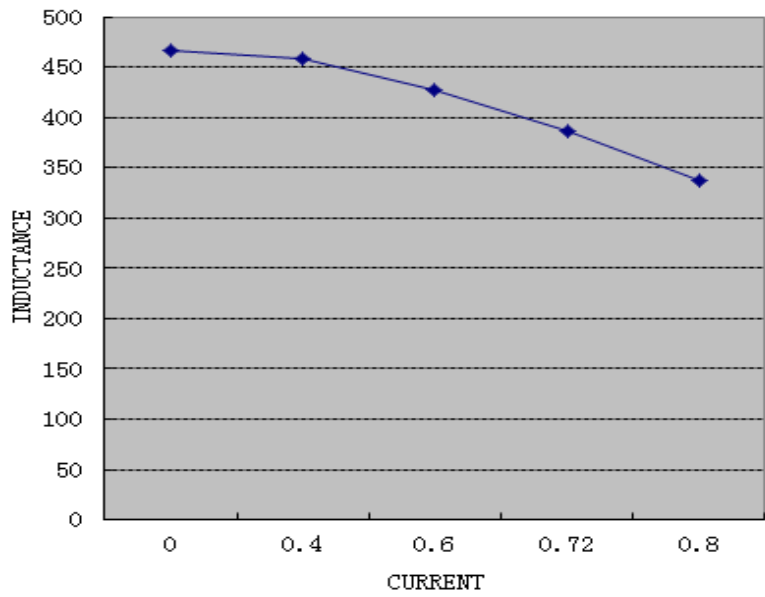
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INDUCTANCE VS CURRENT

| | |
|-----------------------|-------------------|
| CUSTOMER: | DATE: |
| PART NO: SRI1004-471M | DWG.NO: MY0260449 |
| CUSTOMER PART NO : | CUST.DWG.NO : |

| CURRENT VS INDUCTANCE | | | | | |
|-----------------------|---------------|--|--|--|--|
| IDC(A) | INDUCTION(uH) | | | | |
| 0 | 467 | | | | |
| 0.40 | 458 | | | | |
| 0.60 | 428 | | | | |
| 0.72 | 386 | | | | |
| 0.80 | 338 | | | | |
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|--------------------|-------------------|------------------|
| APPROVED BY 吳載敏 | CHECKED BY 張明德 | DRAWN BY LISA |
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