

# COMMON MODE SMD POWER INDUCTORS / SRI-4PAD TYPE

## FEATURES

- ◆ Low voltage power supply is prosperous accordingly power saving.
- ◆ Four terminals choke coil available for DC-DC converter of less than 3.3V input voltage.

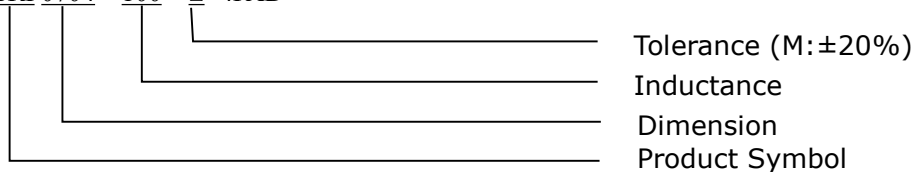


## APPLICATIONS

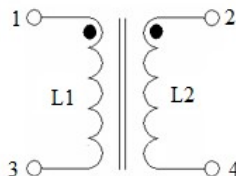
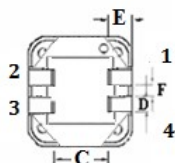
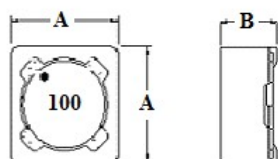
- ◆ DC-DC converters.
- ◆ Power modules.
- ◆ Communication devices.
- ◆ Industrial systems.

## ORDERING CODE

SRI 0704 – 100 □ - 4PAD



## DIMENSIONS (UNIT: mm)



|   |           |     |
|---|-----------|-----|
| A | 7.3 ± 0.3 | m/m |
| B | 4.8 (MAX) | m/m |
| C | 5.0 (REF) | m/m |
| D | 0.8 (REF) | m/m |
| E | 2.1 (REF) | m/m |
| F | 1.1 (REF) | m/m |



CORE MASTER ENTERPRISE CO., LTD.

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### ELECTRICAL CHARACTERISTICS FOR SRI0704\*\*-4PAD

| Part No.           | L1=L2(μH) | DCR (mΩ) (max) | IDC (A) (max) |
|--------------------|-----------|----------------|---------------|
| SRI0704-2R5 □-4PAD | 2.5       | 19.8           | 5.67          |
| SRI0704-3R3 □-4PAD | 3.3       | 24.2           | 4.86          |
| SRI0704-4R7 □-4PAD | 4.7       | 28.6           | 4.14          |
| SRI0704-5R6 □-4PAD | 5.6       | 35.2           | 3.78          |
| SRI0704-6R8 □-4PAD | 6.8       | 38.5           | 3.51          |
| SRI0704-8R2 □-4PAD | 8.2       | 47.3           | 3.15          |
| SRI0704-100 □-4PAD | 10        | 55.0           | 2.70          |
| SRI0704-120 □-4PAD | 12        | 66.0           | 2.43          |
| SRI0704-150 □-4PAD | 15        | 77.0           | 2.16          |
| SRI0704-180 □-4PAD | 18        | 93.5           | 2.07          |
| SRI0704-220 □-4PAD | 22        | 121            | 1.89          |
| SRI0704-270 □-4PAD | 27        | 137            | 1.71          |
| SRI0704-330 □-4PAD | 33        | 165            | 1.53          |
| SRI0704-390 □-4PAD | 39        | 209            | 1.35          |
| SRI0704-470 □-4PAD | 47        | 231            | 1.26          |
| SRI0704-560 □-4PAD | 56        | 297            | 1.17          |
| SRI0704-680 □-4PAD | 68        | 352            | 1.08          |
| SRI0704-820 □-4PAD | 82        | 396            | 0.99          |
| SRI0704-101 □-4PAD | 100       | 495            | 0.88          |
| SRI0704-121 □-4PAD | 120       | 616            | 0.81          |
| SRI0704-151 □-4PAD | 150       | 742            | 0.72          |
| SRI0704-181 □-4PAD | 180       | 913            | 0.65          |
| SRI0704-221 □-4PAD | 220       | 1210           | 0.59          |
| SRI0704-271 □-4PAD | 270       | 1430           | 0.54          |
| SRI0704-331 □-4PAD | 330       | 1760           | 0.48          |
| SRI0704-391 □-4PAD | 390       | 2310           | 0.45          |
| SRI0704-471 □-4PAD | 470       | 2585           | 0.41          |
| SRI0704-561 □-4PAD | 560       | 2915           | 0.37          |
| SRI0704-681 □-4PAD | 680       | 3850           | 0.34          |
| SRI0704-821 □-4PAD | 820       | 4290           | 0.31          |
| SRI0704-102 □-4PAD | 1000      | 5940           | 0.27          |

\*Test Frequency : 100KHZ



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