

# SPECIFICATION FOR APPROVAL



CUSTOMER : Electronics Source

CUSTOMER P/N :

SME P/N : MCHB0810-272K A1

EDITION : A.0

DATE : 2015-02-06

| DRAWING |       |          |
|---------|-------|----------|
| MADE    | CHECK | APPROVAL |
| Lee Jin | Jim   | May      |

| CUSTOMER APPROVE |
|------------------|
|                  |

## SHANGHAI MEISONGBEI ELECTRONICS CO.,LTD

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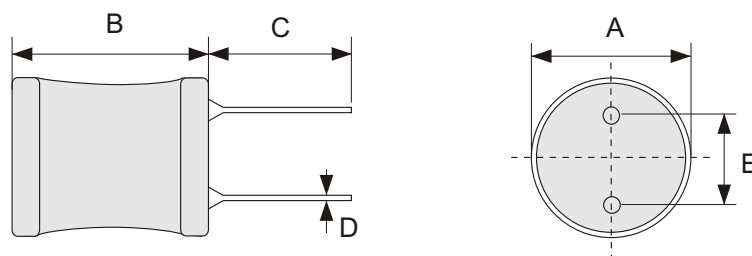
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**Meisongbei** 美颂倍



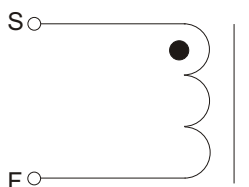
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## A Dimension:Unit(mm)



| A         | B          | C      | D       | E       |
|-----------|------------|--------|---------|---------|
| 8.5 ± 1.0 | 12.0 ± 1.0 | 10 Min | 0.6 Ref | 5.0 Ref |

## B Schematic:



## C Electrical Specifications:

| No. | Properties | Specification | Test Condition | Test Instruments  |
|-----|------------|---------------|----------------|-------------------|
| 1   | L          | 2.7mH ± 10%   | 1KHz,0.25V     | VR102 LCR         |
| 2   | DCR        | 8Ω max.       | 25°C           | CHEN HWA 502BCOHM |
| 3   | Idc        | 0.35A max.    | 1KHz,0.25V     | DA 1608+1310 LCZ  |

## D Material List:

| No. | Material    | Material Spec | Class | Manufacturer                                  | UL No.  |
|-----|-------------|---------------|-------|-----------------------------------------------|---------|
| 1   | Core        | DR2W8*10 B5.0 |       | FENG YIN ELECTRONICS                          |         |
| 2   | Copper Wire | 2UEW          | 130°C | XUZHOU SHENGBAO INDUSTRY CO.,LTD              | E194766 |
| 3   | Tube        | UL            | 130°C | SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO LTD | E203950 |

|      |         |         |     |          |     |
|------|---------|---------|-----|----------|-----|
| Made | Lee Jin | Checked | Jim | Approved | May |
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## E Test Data List:

| ITEM   | Electrical Characteristics |                 |                          |  | Dimensions    |                |       | Outside |
|--------|----------------------------|-----------------|--------------------------|--|---------------|----------------|-------|---------|
|        | L(mH)                      | DCR( $\Omega$ ) | Idc                      |  | A             | B              | C     |         |
| SPEC   | 2.7 $\pm$ 10%              | 8max            | 0.35A<br>( $\geq$ 90%LS) |  | 8.5 $\pm$ 1.0 | 12.0 $\pm$ 1.0 | 10MIN |         |
| 1      | 2.78                       | 6.16            | OK                       |  | 8.58          | 11.27          | 13.60 | OK      |
| 2      | 2.75                       | 6.11            | OK                       |  | 8.53          | 11.30          | 13.55 | OK      |
| 3      | 2.75                       | 6.16            | OK                       |  | 8.55          | 11.29          | 13.57 | OK      |
| 4      | 2.73                       | 6.15            | OK                       |  | 8.59          | 11.28          | 13.59 | OK      |
| 5      | 2.74                       | 6.13            | OK                       |  | 8.54          | 11.30          | 13.65 | OK      |
| 6      | 2.73                       | 6.16            | OK                       |  | 8.67          | 11.32          | 13.67 | OK      |
| 7      | 2.76                       | 6.21            | OK                       |  | 8.62          | 11.28          | 14.01 | OK      |
| 8      | 2.76                       | 6.19            | OK                       |  | 8.75          | 11.30          | 13.59 | OK      |
| 9      | 2.75                       | 6.11            | OK                       |  | 8.67          | 11.28          | 13.70 | OK      |
| 10     | 2.74                       | 6.12            | OK                       |  | 8.75          | 11.29          | 13.61 | OK      |
| Result | OK                         | OK              | OK                       |  | OK            | OK             | OK    | OK      |

|  |  |  |  |  |  |  |  |  |
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