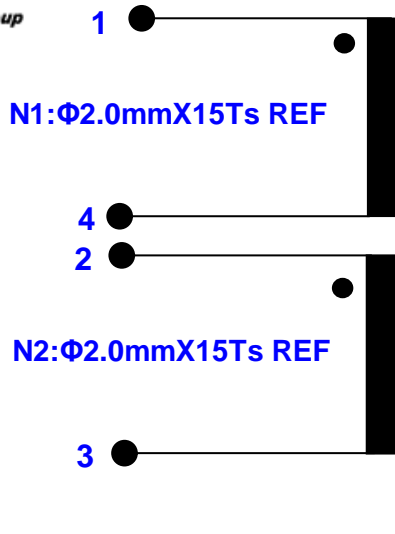




## LAYOUT DIAGRAM(原理圖): (FIG-1)



NOTE:N1.N2 bifilar

**FIG-1**

## DATA SPECIFICATION特性要求: (Table-1)

| ITEM<br>项目  | MEASUREMENT<br>S<br>测试脚位                     | CHARACTERISTICS<br>测试范围 | MEASURING CONDITIONS<br>测试条件<br>(T=20±4℃;HR(%)=45±15) | REMARK<br>备注         |
|-------------|----------------------------------------------|-------------------------|-------------------------------------------------------|----------------------|
| LS<br>電感    | PIN(1-4 and 2-3)                             | 15.5uH MIN.             | F(kHz)=10<br>Ug(V)=0.25                               | IDC=20A              |
| DCR<br>直流电阻 | PIN(1-4)                                     | 5.9mΩ MAX               | /                                                     | 4 WIRES MODE<br>四线模式 |
| DCR<br>直流电阻 | PIN(2-3)                                     | 5.9mΩ MAX               | /                                                     | 4 WIRES MODE<br>四线模式 |
| PH<br>相位    | REFER TO LAYOUT DIAGRAM FIG-1<br>参照原理图 FIG-1 |                         |                                                       |                      |

**REMARK:**

100% testing for the above electrical characteristics.  
所有产品按以上要求进行100%测试。

## Quality Requirement:(品质要求)

Ref ANSI/ASQC.Z1.4 2008 Level II . Major AQL=0.4% Minor AQL=1.0%.  
参照ANSI/ASQC.Z1.4 2008 Level II . Major AQL=0.4% Minor AQL=1.0%.

|               |        |                                    |           |                     |    |
|---------------|--------|------------------------------------|-----------|---------------------|----|
| Prepared By:  | DATE : | TITLE:<br><br>INDUCTOR, 20A x 16uH | CUSTOMER  | MODEL NO.:TBP4U15.5 |    |
| Checked By :  | DATE : |                                    | Approved: | REV.                | 01 |
| Approved By : | DATE : |                                    | Date:     | PAGE 1 OF 2         |    |

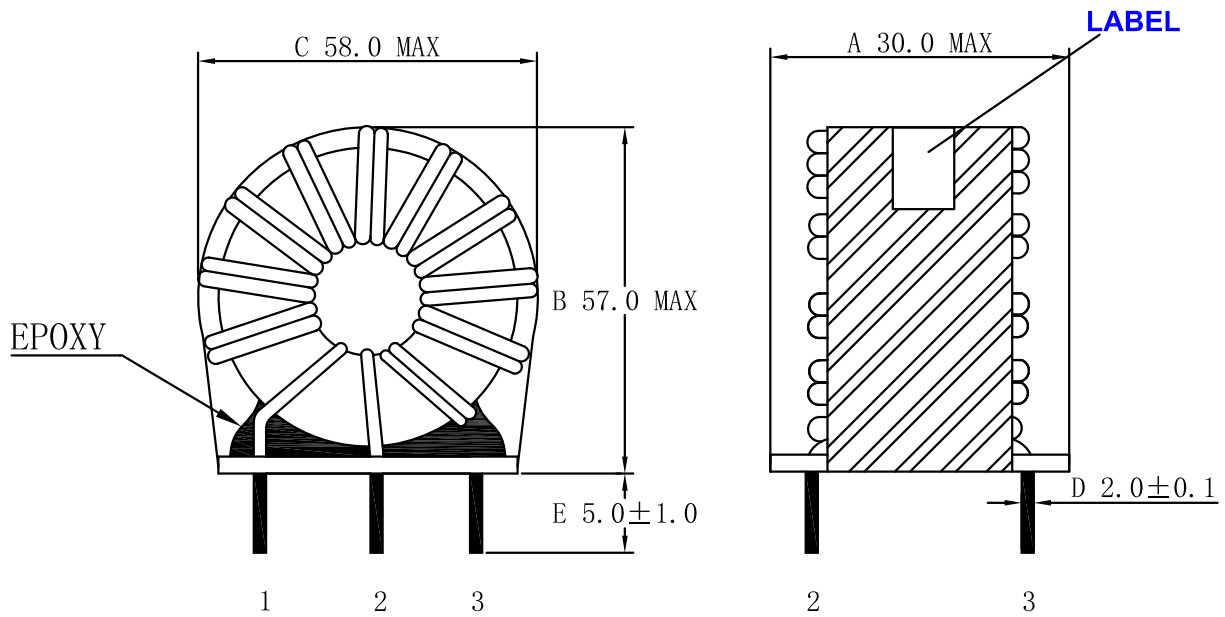
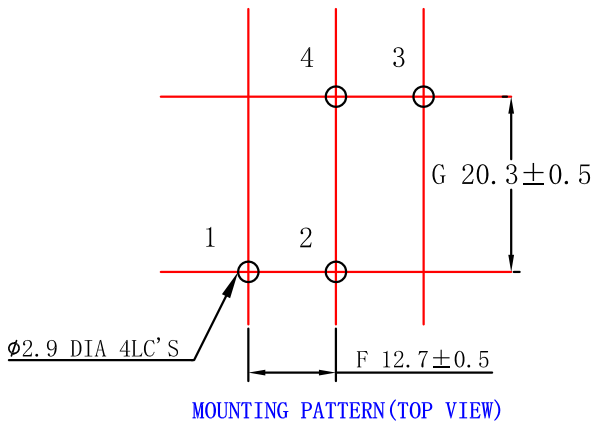


FIG-2

FIG-3



**NOTE:**

1. The vertical of product with 2 layers tape of 16.0mm  
沿产品纵向包16.0mm的胶带2圈.
2. Fix core and base with epoxy E-500.  
使用E-500胶固定磁芯与底座.
3. The product must be impregnated in varnish.  
产品需含浸凡立水.
4. YYWW: year and week code (FIG-3).  
YYWW: 年份周期代码 (FIG-3).
5. The product must be according to RoHS.  
产品要符合RoHS.
6. No crossover of winding.  
绕组间不能交叉.

|               |        |                                     |           |  |                      |        |
|---------------|--------|-------------------------------------|-----------|--|----------------------|--------|
| Prepared By : | Date : | TITLE :<br><b>COMMON MODE CHOKE</b> | CUSTOMER  |  | MODEL NO. :TBP4U15.5 |        |
| Checked By :  | Date : |                                     | Approved: |  | REV.                 | 01     |
| Approved By : | Date : |                                     | Date:     |  | PAGE                 | 2 OF 2 |

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