



# 东莞科昌电子有限公司

## 规格承认书

### SPECIFICATION FOR APPROVAL

TEL:0769-39012662 FAX:0769-39012682

( RoHS Compliance )

客户名称

TCX1

Customer Name

产品名称

TC29 T 8X3X4CG

Product Name

产品型号

T CORE

Product Type

客户料号

Customer P/N

日期

2013-11-28

Date

版本

B

REV.

|                           |                |                              |                  |                   |
|---------------------------|----------------|------------------------------|------------------|-------------------|
| 页数                        | 版本             | 变更记录                         |                  |                   |
| Page                      | REV.           | Change record                |                  |                   |
| 1--3                      | A              | 1. 首次发行<br>1. First issuance |                  |                   |
|                           | B              | 1. 增加外关检验标准                  |                  |                   |
|                           |                |                              |                  |                   |
|                           |                |                              |                  |                   |
|                           |                |                              |                  |                   |
|                           |                |                              |                  |                   |
| 客户承认<br>Customer approval |                | 制造厂商<br>Manufacturer         |                  |                   |
| 批准<br>APPROVED BY         | 承认<br>approval | 制表<br>REPORTED BY            | 复核<br>CHECKED BY | 批准<br>APPROVED BY |
|                           |                | 郭刚                           | 张贵东              | Michael Fang      |

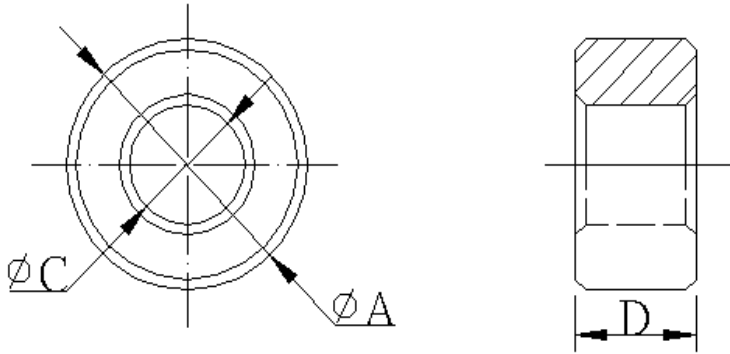


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## SPECIFICATION

|          |      |       |               |      |            |
|----------|------|-------|---------------|------|------------|
| Customer | TCX1 | Item: | TC29 T8X3X4CG | Date | 2013-11-28 |
|----------|------|-------|---------------|------|------------|

### Mechanical Assembly



### Dimension

| A         | B | C         | D         | E | F | G |
|-----------|---|-----------|-----------|---|---|---|
| 8         |   | 4         | 3         |   |   |   |
| +0.6/-0.2 |   | +0.2/-0.4 | +0.4/-0.2 |   |   |   |

### Electrical Requirement

|           |          |                |             |
|-----------|----------|----------------|-------------|
| L         | 15uH±30% | Test Frequency | 10KHZ/0.25V |
| Q         |          | Test Frequency |             |
| Impedance | 15Ω MIN  | Test Frequency | 25MHZ       |
| Impedance | 50Ω MIN  | Test Frequency | 100MHZ      |
| Impedance |          | Test Frequency |             |

#### 外观检验标准:

1. 产品内孔没锋利毛边, 不能刮线。
2. 产品表面无污损, 无严重缺口 (长宽为1.5mm以下, 不影响电气特性)。

Test equipment : HP-4291B:HP-4284A

#### WINDING:

Z:  $\phi 0.65$  2UEW X 120mm 1TURN  
L:  $\phi 0.3$  X 8TS



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INSPECTION DATA

|          |                |                |                                  |
|----------|----------------|----------------|----------------------------------|
| Customer | TCX1           | Test Frequency | 25MHZ:100MHZ:10KHZ/0.25V         |
| Item     | TC29 T 8X3X4CG | Test equipment | HP-4291B:HP-4284A                |
| Date     | 2013-11        | Coil Spec.     | Z: $\Phi$ 0.65 2UEW X120mm 1TURN |
|          |                |                | L: $\Phi$ 0.3 X 8TS              |

| FREQ. | IMPEDANCE          |                    | L                 | Q       | DIMENSION (UNIT : mm) |         |                |                |
|-------|--------------------|--------------------|-------------------|---------|-----------------------|---------|----------------|----------------|
|       | 25MHZ              | 100MHZ             |                   |         | 10KHZ/0.25V           | A       | B              | C              |
| SPEC. | 15 $\Omega$<br>MIN | 50 $\Omega$<br>MIN | 15uH<br>$\pm$ 30% |         | 8<br>+0.6/-0.2        |         | 4<br>+0.2/-0.4 | 3<br>+0.4/-0.2 |
| 1     | 25                 | 70.1               | 14                |         | 8.15                  |         | 3.98           | 3.15           |
| 2     | 27                 | 69.6               | 13                |         | 8.21                  |         | 4.01           | 3.05           |
| 3     | 26                 | 69.8               | 16                |         | 8.14                  |         | 3.98           | 3.06           |
| 4     | 27                 | 70.5               | 15                |         | 8.11                  |         | 3.92           | 3.11           |
| 5     | 25                 | 68.9               | 14                |         | 8.09                  |         | 3.89           | 3.08           |
| 6     |                    |                    |                   |         |                       |         |                |                |
| 7     |                    |                    |                   |         |                       |         |                |                |
| 8     |                    |                    |                   |         |                       |         |                |                |
| 9     |                    |                    |                   |         |                       |         |                |                |
| 10    |                    |                    |                   |         |                       |         |                |                |
| X     | 26                 | 69.78              | 14.4              | #DIV/0! | 8.14                  | #DIV/0! | 3.956          | 3.09           |
| R     | 2                  | 1.6                | 3                 | 0       | 0.12                  | 0       | 0.12           | 0.1            |



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Impedance test data

|          |                |            |                         |
|----------|----------------|------------|-------------------------|
| Customer | TCX1           | Date       | 2013-11-28              |
| Item     | TC29 T 8X3X4CG | Coil Spec. | Φ0.65 2UEW X120mm 1TURN |

