# 承认书

物料编码：Z3381

物料名称：共模电感

规格型号：T12X6X4-20uHmin(Z3381)

品　　牌：长瑞智造

供 应 商：长瑞智造

承认日期：2025.12.25

受控编号：CR-CRS-

| 惠州市长瑞智造电子有限公司 | |
|---|---|
| 拟 定 | 批 准 |
| 尤　标 | 陈　林 |
| | |

| 客户承认 | |
|---|---|
| 拟 定 | 批 准 |
| | |
| | |

# FILE CHANGE RECORD

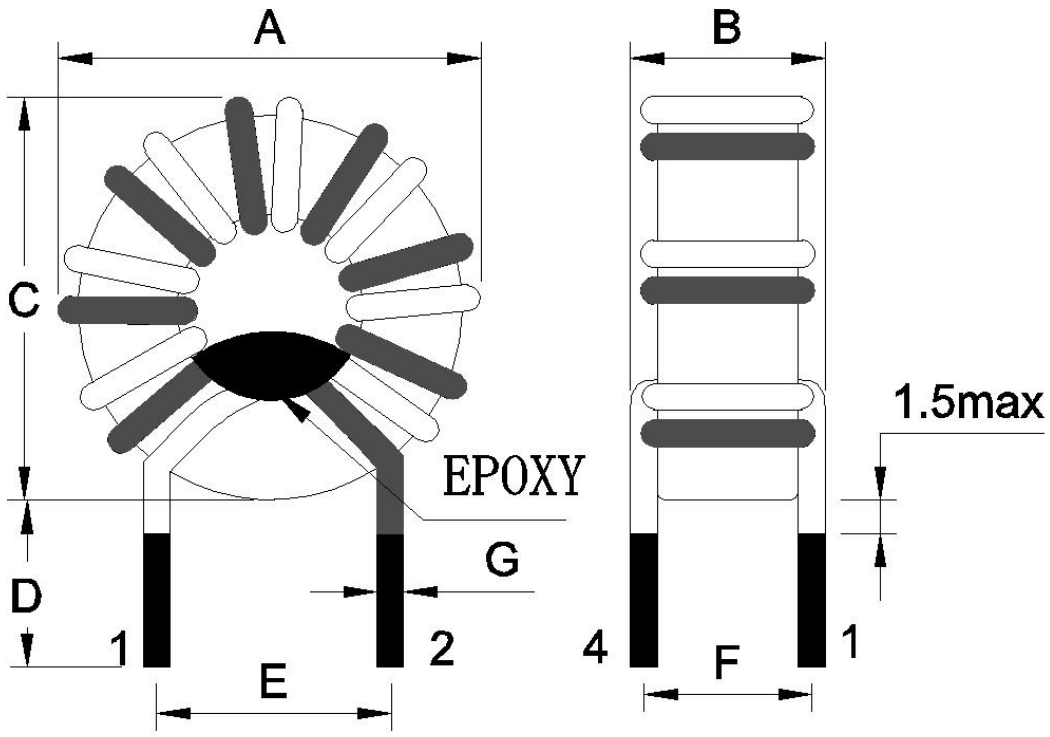
RoHS Compliant

| CHANGE DATE | CHANGE CONTENT | REV. | CHANGE BY |
|---|---|---|---|
| 2025.12.25 | 新制作 | A0 | YB |

| | DESIGN BY | CHANGE BY | CHECKED BY | APPROVED BY | CUSTOMER P/N | |
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| | | | | | DATE | 2025.12.25 |
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| CUSTOMER | | | CR P/N | | | |

MECHANICAL DIMENSION: (UNIT:mm)

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正视图　　侧视图

DIMENSION:(mm)

A: 15.0 MAX

B: 8.0 MAX

C: 14.5 MAX

D: 3.5±0.5

E: 5.0±0.5

F: 6.0±0.5

G: 0.6±0.1

REMARK:

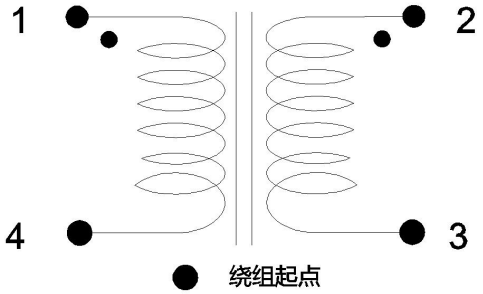
1.绝漆并绕，绕线均匀，不伤线；

2.内环点胶固定进出线；

3.需含浸。

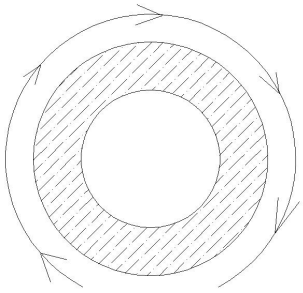
| | DESIGN BY | CHANGE BY | CHECKED BY | APPROVED BY | CUSTOMER P/N | |
|---|---|---|---|---|---|---|
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| CUSTOMER | | | CR P/N | | LC12-0813 | |

SCHEMATIC：




WINDING CONSTRUCTION：

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顺绕

WINDING STEP：

| WDG | TERMINAL | WIRE GAUGE | TURNS | REMARKS |
|---|---|---|---|---|
| N1 | 1-4 | QA-X/155 Φ0.6 本色 | 10Ts | 并绕 |
| N2 | 2-3 | MIW-B Φ0.6 黄色 | 10Ts | |

ELECTRICAL CHARACTER：

| NO. | Item | Measured Point | Technical Data | Test Condition & Instrument @25℃ |
|---|---|---|---|---|
| 1 | INDUCTANCE | L(1-4),L（2-3） | 20uHmin | 20KHz，1V，100Ω/ZX1085BX |
| 2 | Induced balance | ｜(1-4)-(2-3)｜ | 1uHmax | 20KHz，1V，100Ω/ZX1085BX |
| 3 | DCR | R(1-4),R（2-3） | 15mΩ MAX | TH2512B |
| 4 | INSULATION RESISTANCE | COIL TO COIL | 100MΩ MIN | DC500V/ZX9320S-4 |
| | | COIL TO CORE | | |
| 5 | HI-POT | COIL TO COIL | 1200V AC | 50Hz,1mA,3s/WB2670A |
| | | COIL TO CORE | 500V AC | |

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MATERIAL LIST:

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| NO. | ITEMS | MATERIALS | SUPPLIERS/MANUFACTURER | FILE NO. |
|---|---|---|---|---|
| 1 | CORE | T12*6*4 JZ60 | Dongguan Jianzhi Electronics Co., Ltd | N/A |
| 2 | COPPER WIRE | QA-X/155 155℃ | NINGBO JINTIAN NEW MATERIAL CO.. LTD | E227047 |
| 3 | Triple Insulated Wire | MIW-B 130℃ | Huizhou Huaying Electronic Technology CO., LTD | E470559 |
| 4 | EPOXY | HCJ802 130℃ | DONG GUAN HONG CHUANG ELECTRONIC MATERIAL CO, LTD | E504240 |
| 5 | Sn | SC07 | Guangdong Zhongshi Metal Co., Ltd | N/A |
| 6 | Varnish | JX-1150(*) | Yueyang GREEN Technology Co., LTD | E303754 |

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