东莞市祥如电子有限公司

# SPECIFICATION FOR APPROVAL

# 承　认　书

| | |
|---|---|
| CUSTOMER: | |
| DESCRIPTION: | |
| CUSTOMER’S PART NO: | |
| OUR DRAWING NO: | XRSQ1212-20mH-V-811 |
| DATE: | 2024/05/06 |
| VERSION NO: | A |

※如蒙承认，请予签回乙份，谢谢!

| APPROVEDSIGNATURES | | |
|---|---|---|
| APPROVED | CHECKED | PREPARED |
| | | |

电　话: 0769-86346548
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| CUSTOMER | | | |
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| DESCRIPTION | SQ1212-20mH 立式 8x11 脚距 | OUR DRAWING NO | XRSQ1212-20mH-V-811 |

## A REVISION HISTORY

| DATE OF | REVISED PROJECT | EDITION | NOTE |
|---|---|---|---|
| 2019/07/22 | NEEW VERSION | A | |
| 2024/07/19 | REVISION | | |
| | | | |
| | | | |
| | | | |



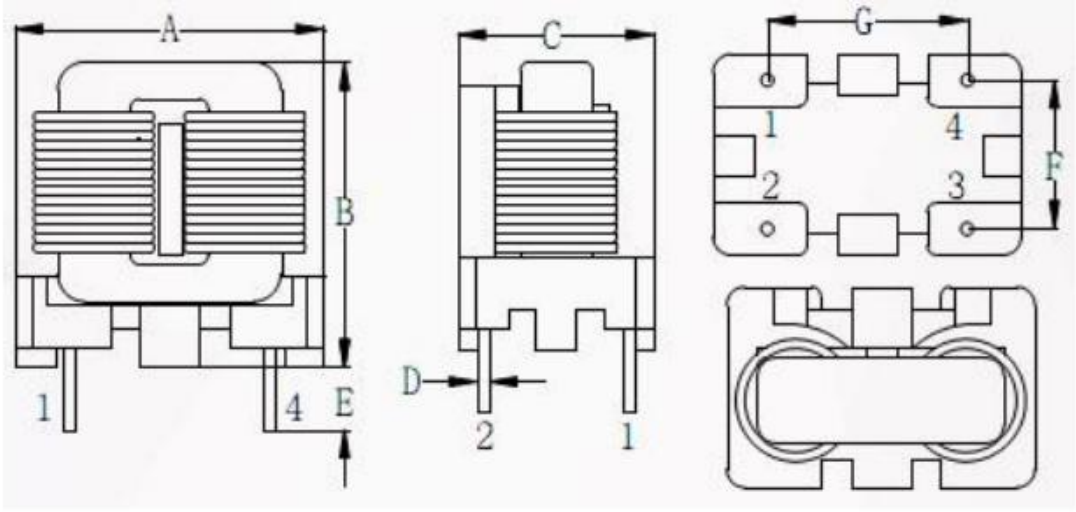
| PPROVED BY | CHECKED BY | PREPARED BY | UNIT | mm |
|---|---|---|---|---|
| 李振雄 | 唐 文 | 谢诗珍 | DATE | 2024/07/19 |
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1. APPEARANCE & DIMENSION (UNIT: mm):




| A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|
| 17.5MAX | 18MAX | 12MAX | 0.6±0.1 | 3.5REF | 8±0.5 | 11±0.5 |

NOTE:

1. 产品共模绕制。
2. 产品需含浸凡立水固定。
3. 焊点不可高于底座支点。



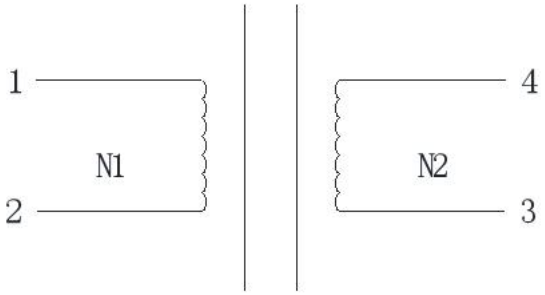
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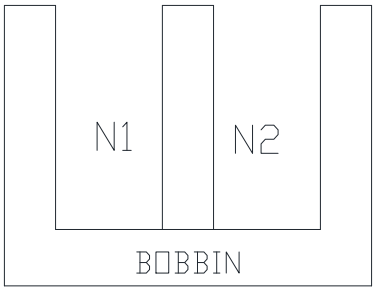
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2. SCHEMATIC:




3. WINDING SEQUENCE:




4.WINDING TABLE

| ORDER | WIRE SIZE | START | END | TURNS | LAYER | INSULATION | |
|---|---|---|---|---|---|---|---|
| N1 | 0.1t×1.0mm UEWH 扁平线 | 1 | 2 | 52TS(REF) | CLOSE | | |
| N2 | 0.1t×1.0mm UEWH 扁平线 | 4 | 3 | 52TS(REF) | CLOSE | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
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5.ELECTRICAL CHARACTER ISICS:

| TEST CONDITION: | | TEMPERATUREAT: 25℃±5℃<br>WORKING TEMPERATURE: -25℃/+125℃<br>STORAGE TEMPERTURE: -25℃/+40℃<br>HUMIDITY: AT45-80% RH | |
|---|---|---|---|
| TESTINSTRUMENT | CHENHWA/1062 | CHENHWA/1062 | CHENHWA/502A |
| ITEM / TERMINAL | INDUCTANCE<br>1KHz, 0.25Vrms 25° | DIFFERENCE<br>INDUCTANCE<br>1KHz, 0.25V | DC.RESISTANCE<br>AT 25℃ |
| 1-2 | 20mH MIN | 0.3mH Max | 200mΩMAX |
| 3-4 | 20mH MIN | 0.3mH Max | 200mΩMAX |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| TESTINSTRUMENT | E-SUN 19053 | E-SUN/19053 | |
| ITEM / TERMINAL | HI-POT TEST<br>AC50/60Hz, 5mA,<br>3sec | INSULATION<br>RESISTANCE.DC 500V | |
| COIL-COIL | 1500V | 100M Ω MIN | |
| COIL-CORE | 1000V | 100M Ω MIN | |
| Idc | | 1.2A | |



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6.MATERIAL LIST:

| No | ITEM | MATERIAL | CLASS | UL NO. | MANUFACTURER | OPT. |
|---|---|---|---|---|---|---|
| 1 | CORE | SQ1212 12K | | | ACMEElectronics(Guangzhou)Co;Ltd | √ |
| | | SQ1212 12K | | | SHANGDONG hengrui magnet technology CO.,LTD | √ |
| | | SQ1212 12K | | | DongGuan City JiuXin Magnetic Material Co.,Ltd | √ |
| | | SQ1212 12K | | | TengZhou MingJi Magnetism Industry Co., Ltd. | √ |
| 2 | BOBBIN | T375HF | 150℃ | E59481 | CHANG CHUN PLASTICS CO LTD | √ |
| 3 | WIRE | @*FIWx180 | 180℃ | E234867 | SUNTEK HOLDINGS LIMITED | √ |
| | | @* UEW180 | 180℃ | E504985 | Guangdong Liziwire Electric Technology Co Ltd | √ |
| 4 | VARNISH | E962 | 130℃ | E335405 | ZHUHAI CHANGXIAN NEW MATERIALS TECHNOLOGY CO LTD | √ |
| 5 | 锡 | 无铅锡条 /Sn99.9 | | | Dongguan City Thousand Island METAL Foil CO LTD | √ |
| | | | | | | |



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7. THE INSPECTION REPORT

| ITEM | TEXT SPEC. | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|---|
| L 值(1-2) | 20mH MIN 1KHZ 0.25V 25° | 30.11 | 30.82 | 32.12 | 34.42 | 34.57 |
| L 值(3-4) | 20mH MIN 1KHZ 0.25V 25° | 3.011 | 30.82 | 32.12 | 34.42 | 34.57 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| DCR 值(1-2) | 200mΩMAX AT 25℃ | OK | OK | OK | OK | OK |
| DCR 值(3-4) | 200mΩMAX AT 25℃ | OK | OK | OK | OK | OK |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| HI-POT<br>AC50/60Hz<br>5mA 3sec | | | | | | |
| | COIL-COIL:1500V | OK | OK | OK | OK | OK |
| | COLI-CORE:1000V | OK | OK | OK | OK | OK |

TEST EQUIPMENT

INDUCTANCE

CH-3250: ( )

CH-1062: ( √ )

CH-101: ( )

HI-POT

E-SUN-19053 ( √ )

DC.R

CH-502BC ( √ )



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# Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

## Xiangru:

XRUU10.5-5mH-V XR050125T221MVL5 XR6*8-2R2M-L XR9*12-680K-L XRCD43-151K XR1265-6R8M XRUU9.8-2mH-V XRCD32-4R7M XRCD53-470K XRUU9.8-60mH-H XR0518-2R2M XR0518-3R3M XR0650-101M XRRH74-331M XRCD75-102K XRNR3010-2.2uH/N XRT953B47-451MVSYL4 XR10*16-122K-L XRCD43-220M XRT1065B77-651MHSYL4 XRUU9.8-45mH-V XRUU9.8-5mH-V XRSQ1010-5mH-H-78 XRSQ1212-10mH-H-1013 XR0410-681 XR0530-R33M XR6*10-101K-L XR6826T221MVL7 XR8*10-601K-L XRSQ1515-15mH-V-810