

Product Specification Sheet

Yueqing Naidi Electric Co., Ltd.

| | | | |
|---------------------|------------------------------|--------------|---------------------|
| Product Name | Lead-type Transformer | Model | EI6638220-24 |
|---------------------|------------------------------|--------------|---------------------|

No-load Characteristics & Load Characteristics

| Characteristics | Specification | Winding | Characteristics | Specification | Unit | Winding |
|------------------------|----------------------|----------------|------------------------|----------------------|-------------|----------------|
| Input Current | - | Primary Side | Input Current | 1600 | mA | Primary Side |
| Input Voltage | 220V | Primary Side | Output Voltage 1 | - | V | Secondary Side |
| Output Voltage 1 | 24V | Secondary Side | Input Current 1 | - | mA | Secondary Side |

Test Input Current: AC 220V

Electrical Schematic Diagram**Coil Parameters**

| Characteristics | Wire Diameter | Material | Number of Turns |
|------------------------|----------------------|-----------------|------------------------|
| Primary (Red-Red) | 0.28 | 2UW | 1000 |
| Secondary (Blue-Blue) | 0.80 | 2UW | 20 |

Voltage Error

±5%

Insulation Resistance

100MΩ at DC 500V

Interlayer Withstand Voltage

AC 440V 400HZ (Primary Side to Iron Core)

Primary Side to Secondary Side

2500V/1S, No breakdown or flashover

Short-circuit Test

Tested according to UL/CAS standards

Impregnation Method

Vacuum impregnation with impregnating agent

Process Description

1. After the product is dipped in paint, put it into the oven and bake for 360 minutes at a temperature of 80°C±5°C.
2. Lead wire: 1015-20#, red wire 280mm, blue wire 280mm

Page 2 of 3

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Product Parts Material List

| No. | Material Name | Material Specification | Supplier Name |
|-----|--------------------|--|---|
| 1 | Bobbin | 6638WW | Yueqing Hongjun Transformer Parts Factory |
| 2 | Mylar Tape | 12mm, blue; 12mm, yellow, thickness 0.05mm | Shanghai Tangru Industrial Co., Ltd. |
| 3 | Enameled Wire | φ0.28, φ0.80 | Zhejiang Langli Electric Equipment Co., Ltd. |
| 4 | Solder Bar | - | Shenzhen Mingwei Soldering Products Co., Ltd. |
| 5 | Magnetic Core | H50 EI66 | Shanghai Baosteel Steel Trading Co., Ltd. |
| 6 | Insulating Varnish | Varnish | Suzhou Leerxin Electronic Materials Co., Lt |

