



# XuYi OuGe Electronic Co., Ltd

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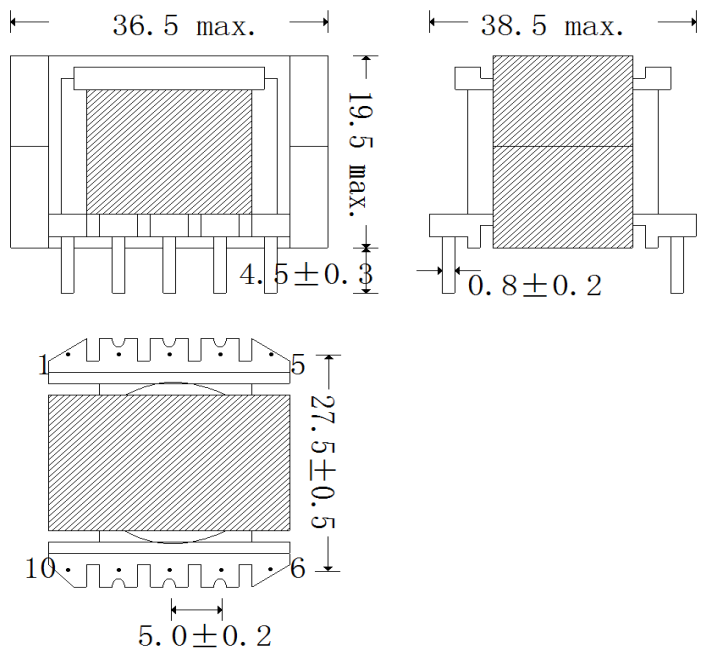
## *SPECIFICATION FOR APPROVAL*

|               |                    |                       |     |
|---------------|--------------------|-----------------------|-----|
| CUSTOMER NAME | 土耳其 ozdisan        |                       |     |
| Item No:      | EQ3016 transformer |                       |     |
| CUSTOMER NO:  |                    | CUSTOMER<br>REVISION: | 1.0 |
| OUGE No:      | SX-5117EQ3016      | OU GE<br>REVISION:    | A1  |

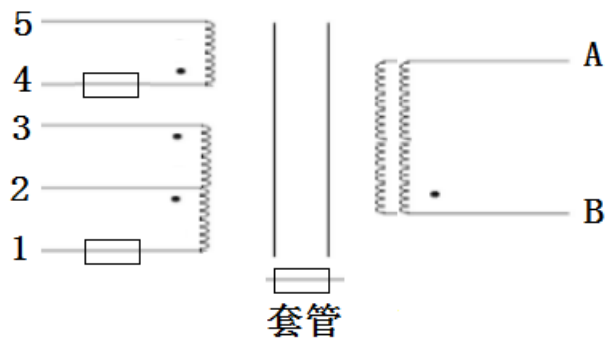
Note:Please send confirmation to us with signature and seal

| sign and seal by seller |                           |          | Sign and seal by buyer |          |           |
|-------------------------|---------------------------|----------|------------------------|----------|-----------|
| Preparer                | Reviewer                  | Approver | Reviewer               | Approver | confirmer |
| ZhiHua Zhang            |                           |          |                        |          |           |
| Date:                   | 29 <sup>th</sup> May 2025 |          | Date                   |          |           |

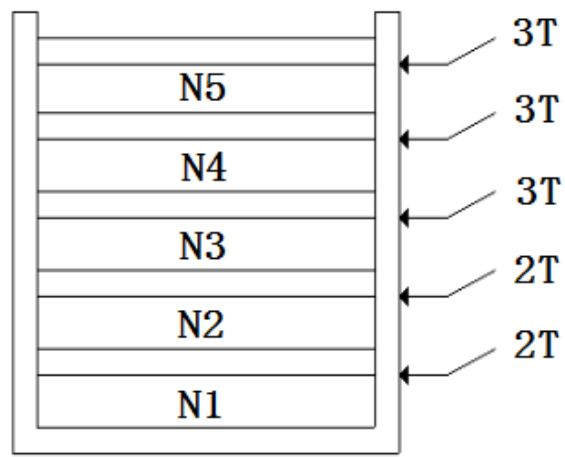
1. Dimen sions (unit:mm)



2. Circuit dargram:



3. cross-section drawn:



XuYi OuGe Electronic oc.,ltd

TEL: 0760-22131648 Fax: 0760-22286311

Ouge Item No

SX-5117EQ3016

Name

EQ3016 transformer

Revision

A1

Page No

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#### 4. winding process:

| No  | Pin(start-stop) | Specification of copper line                | Turns | Specification of tape | TUBE |     |
|-----|-----------------|---------------------------------------------|-------|-----------------------|------|-----|
|     |                 |                                             |       |                       | ST   | FIN |
| N1* | 3-2             | 2UEW $\phi 0.45\text{mm} \times 1\text{P}$  | 15    | 2Ts                   | /    | /   |
| N2* | 4-5             | 2UEW $\phi 0.16\text{mm} \times 4\text{P}$  | 3     | 2Ts                   | 23L  | /   |
| N3  | B-A             | T I W $\phi 0.45\text{mm} \times 3\text{P}$ | 3     | 3Ts                   | /    | /   |
| N4  | B-A             | T I W $\phi 0.45\text{mm} \times 3\text{P}$ | 3     | 3Ts                   | /    | /   |
| N5  | 2-1             | 2UEW $\phi 0.45\text{mm} \times 1\text{P}$  | 15    | 3Ts                   | /    | 23L |

#### 5. Description:

1. EQ3016 vertical pin5:5, remove pin6.7.8.9.10
2. EER3016/PC40 core with 1pcs gapping.
3. Transformers vacuum impregnation and bake.
4. Coils are packaged with 8.6mm Yellow tape, Cores are packaged with 20.0mm yellow tape(All are Mylar tape)
5. A/B is fly lead wire on top side of pin6~10, the fly lead wire length is

30.0 $\pm$ 3.0mm

#### 6. Electrical Parameter

①, 1Inductance

| No | Pins | Specification  | Test condition | Test equipment |
|----|------|----------------|----------------|----------------|
| 1  | 1-3  | 599uH $\pm$ 7% | 10kHz 0.3V     | TH2819XB       |

②insulation

2Insulation

| No | Pins       | Specification      | Time | Test equipment |
|----|------------|--------------------|------|----------------|
| 1  | PRI TO SEC | 3000V/AC//5mA/50HZ | 1s   | WB2671         |

XuYi Electronic co., ltd

Item No

SX-5117EQ3016

Name

EQ3016 transformer

|                                                                              |                       |                           |                         |         |     |
|------------------------------------------------------------------------------|-----------------------|---------------------------|-------------------------|---------|-----|
| TEL: 0760-22131648    Fax: 0760-22286311<br><br>Email:sales03@ougedianzi.com |                       | Revision                  | A1                      | Page No | 2/3 |
| 7. BOM List                                                                  |                       |                           |                         |         |     |
| No                                                                           | Name                  | Specification             | Remark                  |         |     |
| 1                                                                            | Ferrite core          | EER3016/PC40              | SGS                     |         |     |
| 2                                                                            | Bobbin coil           | EQ3016 5+5                | SGS                     |         |     |
| 3                                                                            | Magnet wire           | 2UEW 155℃                 | <a href="#">E85640</a>  |         |     |
| 4                                                                            | Insulating oil        | T1148-1                   | <a href="#">E228349</a> |         |     |
| 5                                                                            | Diluent               | T1148-1X                  |                         |         |     |
| 6                                                                            | MYLAR tape            | CT-280 yellow/red 0.055mm | E165111                 |         |     |
| 7                                                                            | High temperature tin  | 100H                      | SGS                     |         |     |
| 8                                                                            | Triple insulated wire | LSTIW-F                   | E353227                 |         |     |
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