

Client

TYPE

A28 Double Coil +Stain L=175MM

Model NO

SG-A28-6.5UH

Part numbering

SG-A28-175

OJD-98A

Client p/NO

Enginrer NO

TOE 1800510003

Date

2023-10-23

| For Enginer Departner Only | |
|----------------------------|---------------|
| Rrvised Content | APPROved Date |
| | |

Prepared

Checked

Approved

XieYanQi

DuanJiaWang

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| Authorized Signaturure Company Chop | | |
|-------------------------------------|-------------|----------|
| Enginrer | QC APPROved | APPROved |
| | | |

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|--|--|--|
| | | |
|--|--|--|

Winding Procese:

| NO | Winding | Wile | Turns | Direction | Remarks |
|----|---------|------------------|-------|-----------|---------|
| 1 | N1 | 2UEW-B-0.08*105P | 9TS | CCW | |
| 2 | | | | | |

FEATURES:

1.Test conditions: 25°C,65%RH@100KHz/1V

1.1 Inductance

1.11 L0A (Individual coil) =3.6uH±20%

1.12 L0A(Coil+Ferrite)=Coil1=Coil2=6.5uH±10%

1.2 Q=70MIN

1.3 DCR: 65mΩ MAX

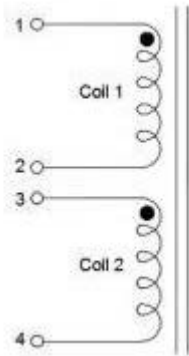
1.4 Operating Temperature: -25°C~85°C

2.Test instrument: **L:CH1068+1310;DCR:502BC;SIZE:Callipers**

3.Material List

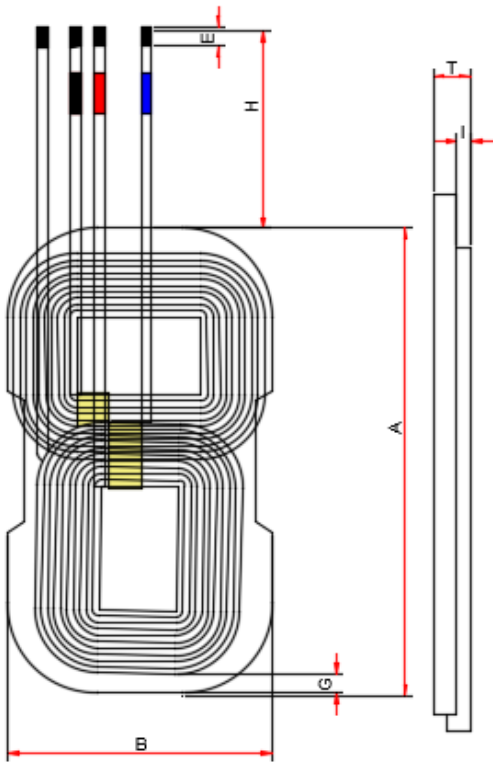
| NO | List | Material |
|----|---------------------------|-------------------------------|
| 1 | WIRE | φ 0.08*105p 2UEW-1.15mm |
| 2 | FERRITE | 43.7*50*1.0*2 |
| 3 | GLUE | White Glue |
| 4 | SOLDER | XCD-907B |
| 5 | Adhesive | Double sided adhesive backing |
| 6 | High temperature adhesive | 6MM Ref |
| 7 | | |

CIRCUIT DIAGRAM



Unit: MM

OUTSIDE DIAGRA

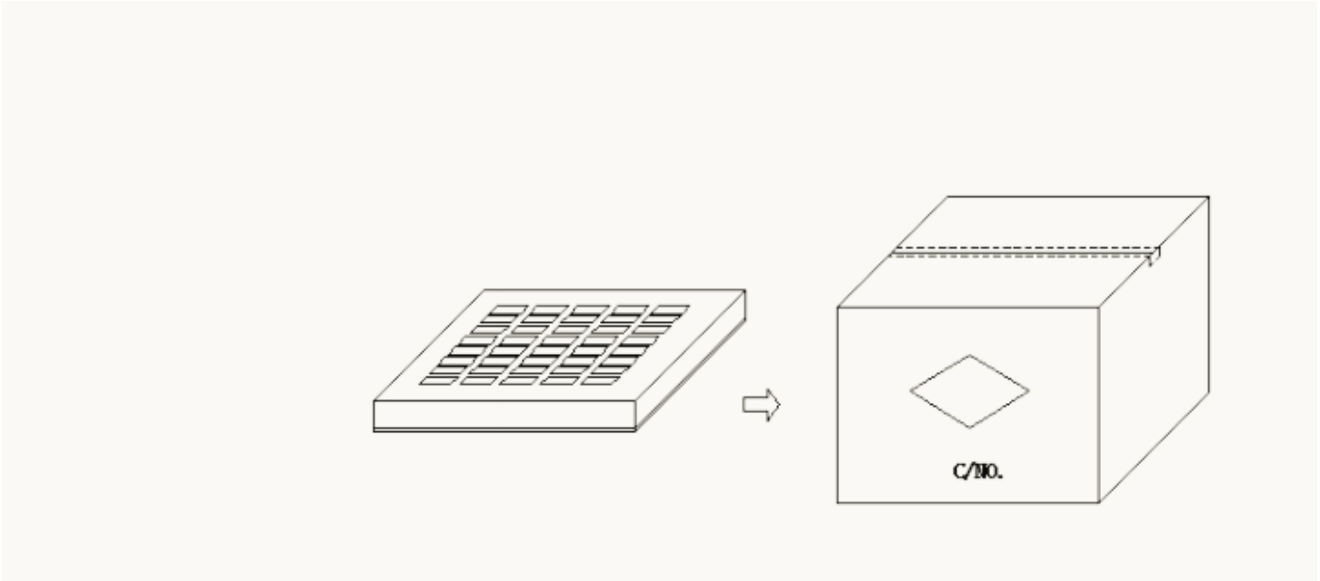


| 标准 | A | B | G | H | I | T | | | |
|-----|------|------|------|------|--------|--------|--|--|--|
| STD | 87±1 | 50±1 | 3Ref | 55±5 | 1.2Max | 4.0Max | | | |

Unit: MM

PACKAGE

5.1 Packing Picture:



5.2 Packing Quantity

| Item | Quantity | Material |
|------------|----------|----------------|
| Box | 180 PCS | 345*330*50 MM |
| Big Carton | 720 PCS | 360*340*280 MM |

5.3 *The packaging shall be based on the existing packing plate and the actual delivery package shall prevail. If there is any requirement, we can customize it.*

Storage and Use condition

6.1 Storage condition

6.1.1 Recommended keeping conditions: $-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$, 70%RH (Max.)

6.1.2 Storage life : Within the limits of six months from being produced.

6.2 Use condition

Use condition limit: $T=-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$, $\text{RH} \leq 90\%$.