

# SPECIFICATIONS

|          |                   |
|----------|-------------------|
| CUSTOMER |                   |
| ITEM     | TOROIDAL COIL     |
| MODEL    | Φ18x100uH(H-TYPE) |
| TYPE     | C18-A6(H) YELLOW  |
| PART NO  | TOI-18-6-101KH    |

| DESIGN                                                                              | CHECK                                                                               | APPROVAL                                                                              |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| 2020.06.17                                                                          | 2020.06.17                                                                          | 2020.06.17                                                                            |
| A TERM OF VALIDITY                                                                  |                                                                                     | YEAR                                                                                  |

|                     |                                                                                                                        |     |              |
|---------------------|------------------------------------------------------------------------------------------------------------------------|-----|--------------|
| REQUEST<br>CUSTOMER |  <b>NAMSUN ELECTRONICS CO., LTD</b> |     |              |
| ADDRESS             | Na-3506, CHUNG ANG CIRCULATION COMPLEX 15<br>GYUNGINRO 53-GIL GURO-GU, SEOUL 08217, KOREA                              |     |              |
| TEL                 | 02-2689-9418                                                                                                           | FAX | 02-2689-8628 |
| HOMEPAGE            | <a href="http://www.nsn.co.kr">http://www.nsn.co.kr</a>                                                                |     |              |

|                                                                                   |       |                   |            |
|-----------------------------------------------------------------------------------|-------|-------------------|------------|
|  | MODEL | Φ18x100uH(H-TYPE) | Revision 0 |
|-----------------------------------------------------------------------------------|-------|-------------------|------------|

## REVISION RECORD

| REV NO. | DATE     | PAGE | REVISION CONTENTS | REVISION REASON |
|---------|----------|------|-------------------|-----------------|
| 0       | 20.06.17 |      | -. 초기작성           |                 |
| 1       |          |      |                   |                 |
| 2       |          |      |                   |                 |
| 3       |          |      |                   |                 |
| 4       |          |      |                   |                 |
| 5       |          |      |                   |                 |
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| 18      |          |      |                   |                 |



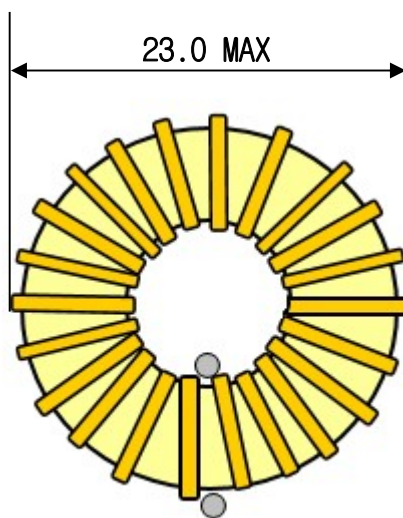
MODEL

100uH(UEW0.8Φ\*41T)

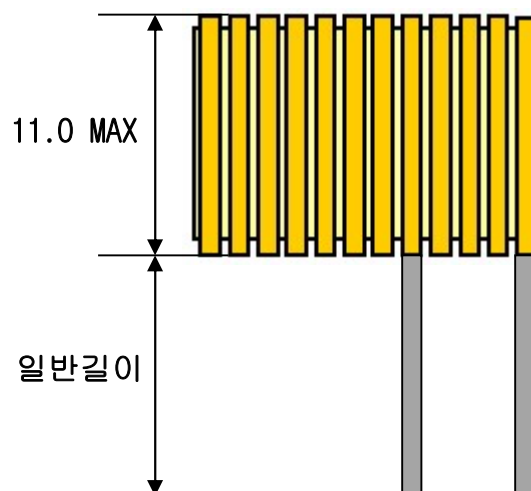
Revision 0

## 1. APPEARANCE & DIMENSION

<FRONT VIEW>



<SIDE VIEW>



1. C18-A6 or DT68-26A-YY YELLOW CORE 사용 할 것.

2. 2 층 일반권선 작업 및 일반길이 커팅 할 것.

|                                                                                   |       |                    |            |
|-----------------------------------------------------------------------------------|-------|--------------------|------------|
|  | MODEL | 100uH(UEW0.8Φ*41T) | Revision 0 |
|-----------------------------------------------------------------------------------|-------|--------------------|------------|

## 2. ELECTRICAL CHARACTERISTIC

| No. | CLOSURE    | TERMINAL No. | ELECTRICAL CHARACTERISTICS | TOLERANCE | CONDITION                                         |
|-----|------------|--------------|----------------------------|-----------|---------------------------------------------------|
| 1   | INDUCTANCE | S → F        | 100.0uH                    | ± 15%     | LCR METER<br>UC2878<br>At 1.0 KHz.<br>LEVEL: 1.0V |

## 3. SCHEMATIC DIAGRAM

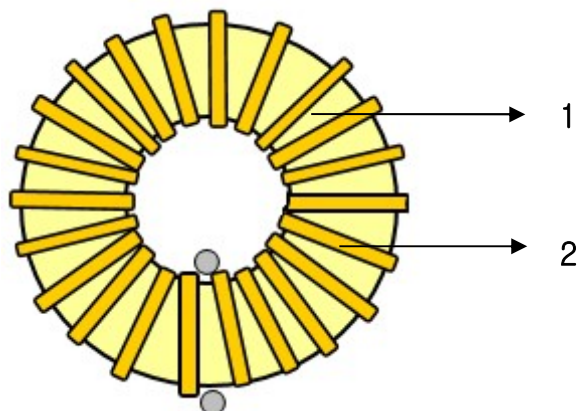
|                                                                                    |            |  |  |
|------------------------------------------------------------------------------------|------------|--|--|
|  |            |  |  |
|                                                                                    | WINDING    |  |  |
|                                                                                    | REMOVE PIN |  |  |
|                                                                                    | CUT PIN    |  |  |
|                                                                                    | N.C PIN    |  |  |

## 4. WINDING SPECIFICATION

| WINDING ORDER | TERMINAL NO | WIRE     | TURN  | WINDING METHOD         |
|---------------|-------------|----------|-------|------------------------|
| W1            | S → F       | UEW 0.8Ø | 41 Ts | HANDMADE<br>(2 층 일반권선) |

|                                                                                   |       |                    |            |
|-----------------------------------------------------------------------------------|-------|--------------------|------------|
|  | MODEL | 100uH(UEW0.8Φ*41T) | Revision 0 |
|-----------------------------------------------------------------------------------|-------|--------------------|------------|

## 5. INTERNAL STRUCTURE



## 6. MATERIAL LIST

| NO | COMPONENT | NAME OF MATERIAL                                          | MANUFACTURER OF MATERIAL                                                                                                  | UL No.                        |
|----|-----------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| 1  | CORE      | C18-A6 (YELLOW)<br>KT68-26A (YELLOW)<br>DT68-26A (YELLOW) | CORE ELECTRONICS CO.,LTD<br>ZHE JIANG KEDA MAGNETO ELECTRICITY CO.,LTD<br>HENGDIAN GROUP DMEGC MAGNETICS CO.,LTD. or EQV. |                               |
| 2  | WIRE      | POLYURETHANE<br>UEW 0.8Φ                                  | YANTAI ROME ELECTRONIC CO.,LTD.<br>CNI Electronics Co Ltd<br>ZHEJIANG HONGBO TECHNOLOGY CO.,LTD.                          | E166187<br>E210918<br>E221719 |
| 3  | FLUX      | LF - 715K                                                 | DUIYUANINDUSTRYSCIENCE&TECHNOLOGY<br>(HUIZHOU)CO.,LTD.                                                                    |                               |
| 4  | SOLDER    | SN99.5% , CU0.5%                                          | LT MATERIAL CO.,LTD.<br>ALPHA METAL.                                                                                      |                               |