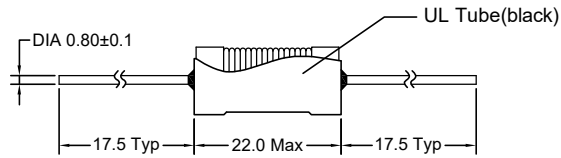


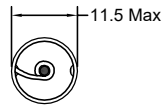
P/N: FALCHA1122-181K



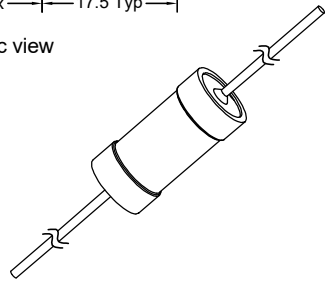
Outline Dimensions(Unit:mm)



Orthographic view



Top view



Stereogram

REMARK:

- 1. Products need thermal shrinkable sleeve.

Electrical Schematic



Electrical Characteristics(@25°C)

| Inductance<br>1KHz,0.25V<br>S-F | DC Resistor<br>S-F | Rated Current |
|---------------------------------|--------------------|---------------|
| 180uH±10%                       | 0.150Ω Max         | 1600mA        |

- \*\*\*Operating Temperature: -40°C~+125°C.  
(Temperature rise included)
- \*\*\*Storage Temperature : -40°C~+125°C.
- \*\*\*Storage Humidity:RH10%~70%.

Material list

| Part Name   | SPEC                         | Material Type | Supplier                                      | UL Number |
|-------------|------------------------------|---------------|---|-----------|
| Core        | DRWW<br>10.5*20.5<br>(B=6.2) | NiZn          | Zhongshan kangci Electronic Co Ltd            | N/A       |
| Copper Wire | 2UEW-F                       | 155°C         | Elektrisola Hangzhou Co Ltd                   | E258243   |
| Tube        | RSFR-H/600V                  | 125°C         | ShenZhen Woer Heat-shrinkable Material Co Ltd | E203950   |

Recommended Soldering Temperature Graph.



|                  | Standard Profile    | Standard Profile    |
|------------------|---------------------|---------------------|
| Pre-heating      | 150~180°C,90s±30s   |                     |
| Heating          | above 220°C,30s-60s | above 240°C,30s Max |
| Peak temperature | 245°C±3°C           | 260°C,10s           |
| Cycle of reflow  | 2 times             |                     |

|     |             |      |      |   |   |                      |   |                                   |
|-----|-------------|------|------|---|---|----------------------|---|-----------------------------------|
| REV | DESCRIPTION | APPD | DATE | Tianchang Fuan Electronic Co Ltd<br>www.fuantronics.net<br>TEL: +86-550-7814888<br>FAX: +86-550-7831133 | <br>Tolerances unless otherwise specified:<br>(.X)±0.50 (.XX)±0.25<br>Unit of measurement: mm | Make: Qiumei.Liu     | <b>DRAWING TITLE</b><br>DRWW10.5*20.5<br>RADIAL FILTER CHOKE<br>Material Number: A331122XS200 | Customer Name:                    |
|     |             |      |      |   |   | Checked: Beson. zhan |   | Document/Rev: 00                  |
|     |             |      |      |   | Approved: Anson. zhan   |                      |   | Specification Sheet: 1 of 1       |
|     |             |      |      |   |   |                      |   | Date of Recognition: Mar./23/2020 |