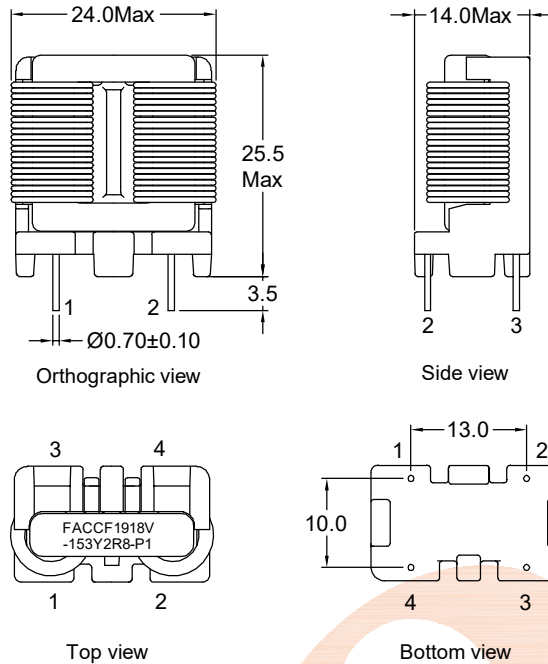
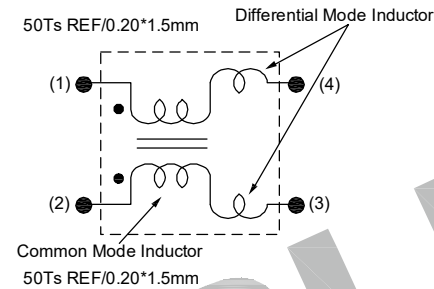


RoHS

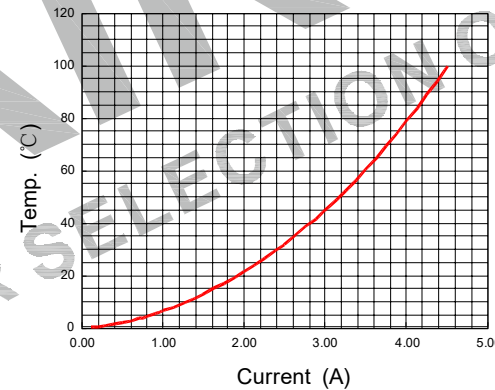
### Outline Dimensions(Unit:mm)



### Electronical Schematic



### Simulation test curve:



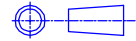
### Electrical Characteristics(at 25°C)

Inductance : 15.0mH Min,at 1KHz,0.25V.  
 Lstray: Lkg=120uH typ,at 1KHz,0.25V.  
 Inductance balance : L1-L2= 300uH Max,at 1KHz,0.25V.  
 D.C.Resistance: 100 mohms Max.  
 Rated current: 2.8Amps.  
 Turns Ratio : 1:1±2%,at 20KHz,1V.  
 Hipot : Pri-Sec : 1500VAC/5mA/2Second.

### List of UL Certificate:

| Part Name        | Mat'l Description | Supplier   | UL Number |
|------------------|-------------------|--|-----------|
| Bobbin           | SQ1918/T375HF     | Chang Chun Plastics Co Ltd                       | E59481    |
| Copper wire      | SFT-UEW-H         | Ningbo Jintian New Material Co Ltd               | E227047   |
| Core             | SQ1918-H15K       | Su Zhou Tian Ming Magnetic                       | N/A       |
| Epoxy or Varnish | YZ-HC-1401C       | YouZhi Electronic(DongGuan)Co.,Ltd               | N/A       |
|                  | T4260LZ           | Suzhou Taihu Electric Advanced Material Co., Ltd | E228349   |

\*\*\*Weight:Approx 16.0g.

|     |             |      |      |   |  |  |  |   |  |   |  |  |  |
|-----|-------------|------|------|---|--|--|--|---|--|---|--|--|--|
|     |             |      |      | 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: Yuing.yu<br>Checked: Beson. zhan<br>Approved: Anson. zhan |  | <b>DRAWING TITLE</b><br>CCF1918V Current-compensated frame core double chokes<br>Material Number: |  | Customer P/N:<br>Document/Rev: 2207254/00<br>Specification Sheet: 1 of 1<br>Date of Recognition: July./20/2022 |  |
| REV | DESCRIPTION | APPD | DATE |   |  |  |  |   |  |   |  |  |  |