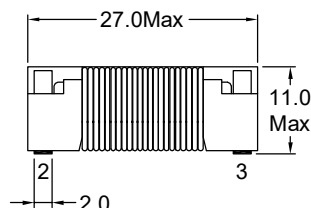
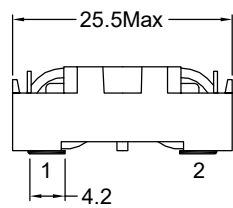




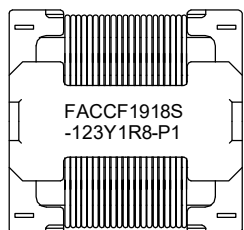
### Outline Dimensions(Unit:mm)



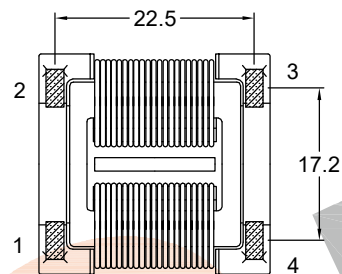
Side view



Orthographic view



Top view

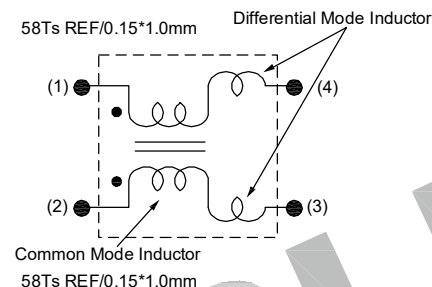


Bottom view

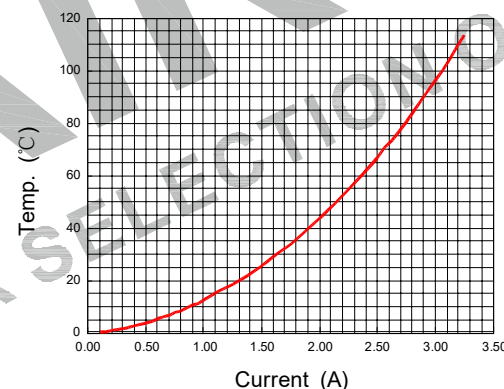
### Electrical Characteristics(at 25°C)

- Inductance : 12.0mH Min,at 1KHz,0.25V.
- Lstray: Lkg=160uH typ,at 1KHz,0.25V.
- Inductance balance : L1-L2= 300uH Max,at 1KHz,0.25V.
- D.C.Resistance: 220 mohms Max.
- Rated current: 1.8Amps.
- Turns Ratio : 1:1±2%,at 20KHz,1V.
- Hipot : Pri-Sec : 1500VAC/5mA/2Second.

### Electronical Schematic



### Simulation test curve:



### List of UL Certificate:

Part Name	Mat'l Description	Supplier	UL Number
Bobbin	SQ1918/T375HF	Chang Chun Plastics Co Ltd	E59481
Copper wire	SFT-UJEW-H	Ningbo Jintian New Material Co Ltd	E227047
Core	SQ1918-H10K	Su Zhou Tian Ming Magnetic	N/A
Epoxy	YZ-HC-1401C	YouZhi Electronic(DongGuan)Co.,Ltd	N/A
or Varnish	T4260LZ	Suzhou Taihu Electric Advanced Material Co., Ltd	E228349

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

Tianchang Fuan Electronic Co Ltd  
www.fuantronics.net  
TEL: +86-550-7814888  
FAX: +86-550-7831133



Tolerances unless otherwise specified:  
(.X)±0.50 (.XX)±0.25  
Unit of measurement: mm

Make: Yuing.yu

Checked: Beson. zhan

Approved: Anson. zhan

#### DRAWING TITLE

CCF1918S Current-compensated  
frame core double chokes

Material Number:

Customer P/N:

Document/Rev: 2207297/00

Specification Sheet: 1 of 1

Date of Recognition: July./20/2022

REV	DESCRIPTION	APPD	DATE