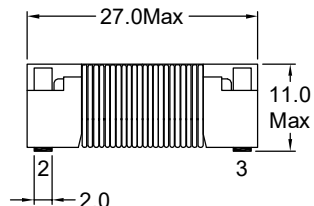
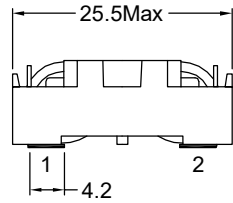


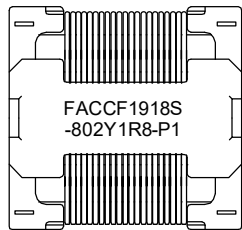
### Outline Dimensions(Unit:mm)



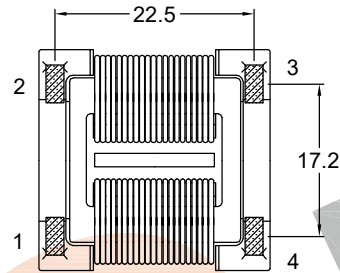
Side view



Orthographic view

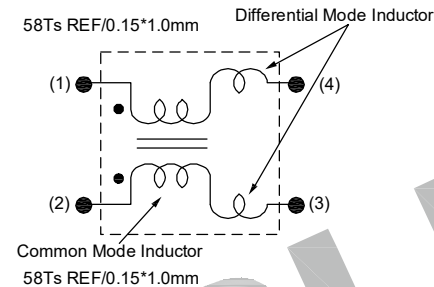


Top view

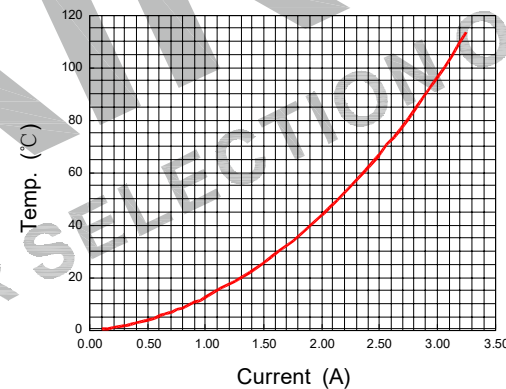


Bottom view

### Electronical Schematic



### Simulation test curve:



### Electrical Characteristics(at 25°C)

- Inductance : 8.0mH Min,at 1KHz,0.25V.
- Lstray: Lkg=160uH typ,at 1KHz,0.25V.
- Inductance balance : L1-L2= 200uH 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.

### 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-H7K	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				Make: Yuing.yu Checked: Beson. zhan Approved: Anson. zhan		<b>DRAWING TITLE</b> CCF1918S Current-compensated frame core double chokes Material Number:		Customer P/N: Document/Rev: 2207298/00 Specification Sheet: 1 of 1 Date of Recognition: July./20/2022	
REV	DESCRIPTION	APPD	DATE			Tolerances unless otherwise specified: (X)±0.50 (XX)±0.25 Unit of measurement: mm							