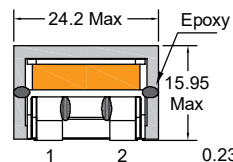


P/N: FACTER30-180

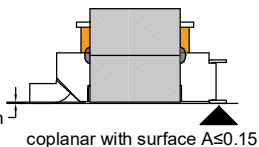


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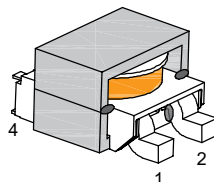
## Outline Dimensions(Unit:mm):



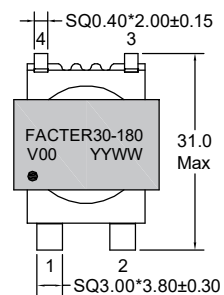
Orthographic view



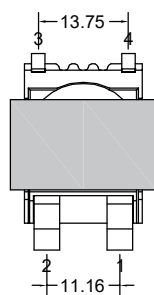
Side view



Stereogram



Top view

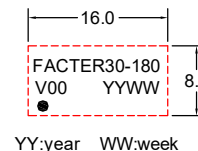


Bottom view

## REMARK:

1. Magnetic core adhesive fixation(G-500);  
(磁芯点胶固定(G-500))

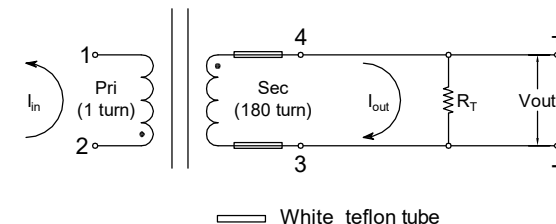
## Label :



## Remark:

- 1.Use laser tags or inkjet printing for printing;  
(使用激光标签或喷码印字)
- 2.Clear writing and legibility, not easy to erase;  
(字迹清晰易读,不易擦除)
- 3.Border here means size range, not be printed;  
(此处的边框表示尺寸范围,不能打印)
- 4.Font:Arial;Height:1.50mm.  
(字体:Arial;高度:1.50mm)

## Electrical Schematic:



## List of UL Certificate:

Part Name	Mat'l Description	Supplier	UL Number
Bobbin	PM-9630	Chang Chun Plastics Co Ltd	E59481
Cover	LCP-E4008	Chang Chun Plastics Co Ltd	E59481
Core	ER22/14.2/13.8 PC95	Jiangsu Baici Electronics Co Ltd Or Equivalent	N/A
Copper wire	FIW 180/MW 85-C	HuiZhou City Denggaoda Electrotech Co Ltd	E253843
Tape	J16/180°C(Kapton)	Jingjiang Jingyi Adhesive Product Co Ltd	E246950
Tube	LF-TT-L(150V/200°C)	DongGuan Ling Free Hardware Plastics Product Co Ltd	E352366
Flat wire	C1100	DongGuan Jing Tian Or Equivalent	N/A
Epoxy	G-500/150°C	DongGuan Hongzan Adhesive Technology Co Ltd	N/A

## Electrical Characteristics:

Inductance : L4-3= 10.37mH±25%,at 1KHz,0.10V.

Sensed current is 80 A and higher.

D.C.Resistance : 2-1= 0.12 mohms Max.

4-3= 5.30 ohms ±10%.

Turns Ratio : (2-1)-(4-3)=1:180±0Ts,at 20KHz,1V.

Hi-pot : (2-1)-(4-3) : 5000VAC/50Hz/5mA/60second.

(2-1)-Core : 3000VAC/50Hz/5mA/60second.

(4-3)-Core : 3000VAC/50Hz/5mA/60second.

Weight : Approx 19.5g.

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TEL: +86-550-7814888  
FAX:+86-550-7831133



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

Make: Qiumei.Liu

Checked: Beson . zhan

Approved: Anson . zhan

## DRAWING TITLE

Current Sense Transformer

Material Number :

Customer P/N : COILCRAFT CST3015

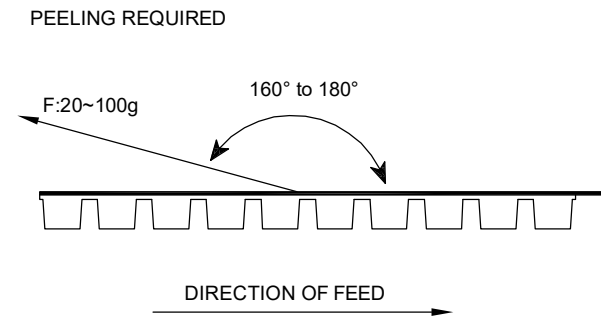
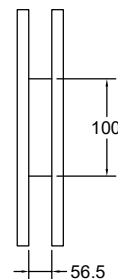
Document/Rev: 2506154/00

Specification Sheet: 1 of 3

Date of Recognition: June./19/2025

REV	DESCRIPTION	APPD	DATE

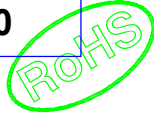
## 2

3

A diagram of a CD-ROM. It features a central hole and three smaller mounting holes arranged in a triangle. A rectangular label is positioned at the top, containing the word "Label". The disc is divided into three sectors by radial lines, each containing concentric arcs representing data tracks.


A diagram of a 3D disk with three sectors and a central hole. The sectors are shaded with diagonal lines. A label 'C' points to the outer edge of the disk.

6



## Notes of use:

1. The best assembly quality guarantee period of product : 12 months (From manufacture date).  
Storage condition : seal in packaging, temperature 40 , RH 70%;
2. If taking out for use, the remaining products should be sealed in plastic bag and preserved in accordance with the above conditions, to avoid the effect of electrode oxidation on soldering status;
3. Do not keep products in unsuitable storage conditions, such as areas susceptible to high temperature, high humidity, dust or corrosion, and etc;
4. Do always handle products with care to avoid damage;
5. Do not touch electrodes with bare hands directly, as oil secretions may inhibit soldering;
6. When product will be used on a similar or new project to the original one, sometimes it might be unable to satisfy the specification due to different condition of usage;
7. This proudct itself does not have any protective function in abnormal conditions, such as overload,high temperature, high voltage and etc;
8. Hi-Pot test with higher voltage than spec value might damage insulation material and shorten its life;
9. Please do not clean this product. Washing agents used during the production to clean the application may damage or change the characteristics of the wire insulation, marking or plating. Washing agents may have a negative effect on the long-term functionality of the product. If necessary, please consult with us;
10. This product meets RoHS compliance. It contains about 90% metal components such as copper and iron, and has good recycling value. However, the product also contains plastic components such as epoxy resin, which is difficult to degrade naturally, so do not throw away at will. If need to be scrapped, please submit to the company with recycling qualification for recycling and reuse;
11. For optimized solderability, inductor stock should be used promptly, preferably within six months of receipt.

				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: Qiumei.Liu Checked: Beson . zhan Approved: Anson . zhan	<b>DRAWING TITLE</b> Current Sense Transformer Material Number :	Customer P/N : COILCRAFT CST3015 Document/Rev: 2506154/00 Specification Sheet: 3 of 3 Date of Recognition: June./19/2025
REV	DESCRIPTION	APPD	DATE					