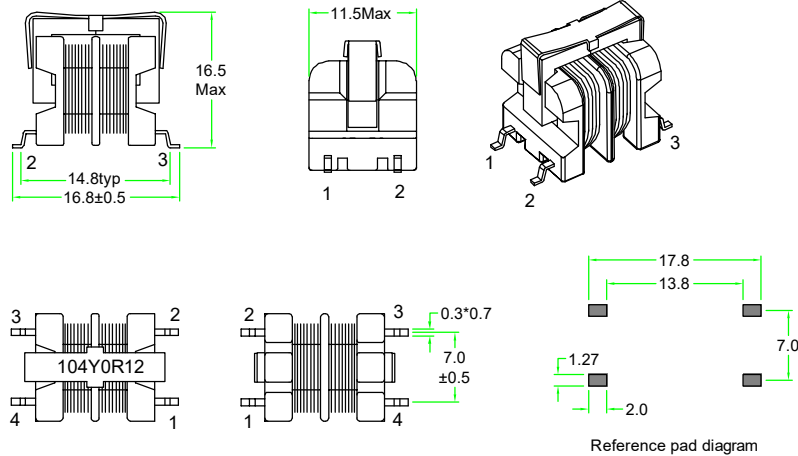


P/N: FAPL09VS-104Y0R12

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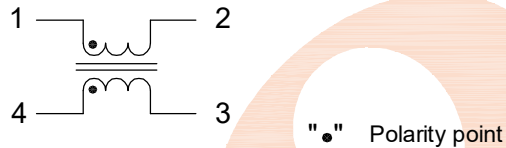
## Outline Dimensions(Unit:mm)



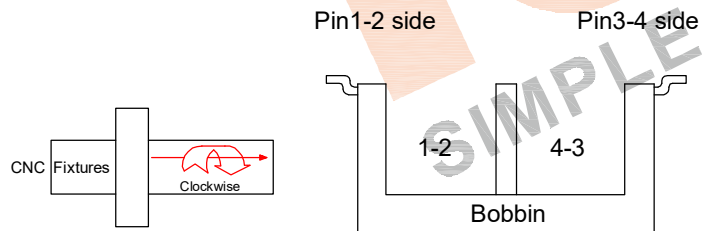
### REMARK:

1. Product vacuum impregnation.

## Electronical Schematic



## Winding Construction:



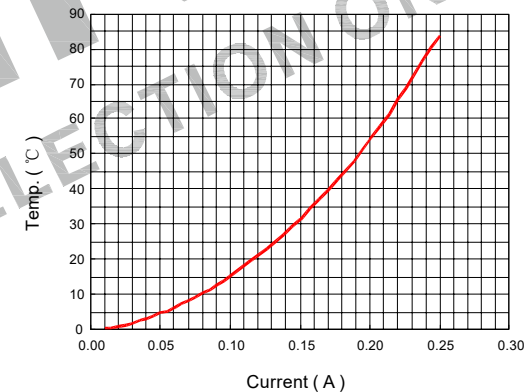
## Electrical Characteristics

Inductance : 100.0mH Min,at 10KHz,0.1V.  
Rated current : 0.12Amps.  
D.C.Resistance : 10.0 ohms Max.  
Turns Ratio : Wdg1:Wdg2=1:1±1%,at 20KHz,1V.  
Hipot : Coil-Coil : 1500VAC/3mA/2S.

## General Properties:

Operating Temperature:-40°C to +125°C  
(Temperature rise included).  
Storage Temperature:-25°C to +85°C.  
Storage Humidity:RH10%~70%.  
Weight: ≈4.2g

## Current VS Temp.(Simulation test).



## List of UL Certificate:

| No. | Part Name   | Mat'l Description | Supplier                                       | UL Number |
|-----|-------------|-------------------|------------------------------------------------|-----------|
| 1   | Bobbin      | SMD-UU9.8/LCP     | Toray industries inc                           | E41797    |
| 2   | Copper wire | 2UEW-F/155C       | Dong Guan YiDa Industrial Co Ltd               | E344055   |
| 3   | Core        | UU9.8-H10K        | Fuan                                           | N/A       |
| 4   | Clip        | UU9.8/SUS301      | Chuangshun Hardware Electronic Factory         | N/A       |
| 5   | Varnish     | T-4260(a)/MW80-C  | SuZhou TaiHu Electric Advanced Material Co Ltd | E228349   |

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: *Junle*  
Checked: *BenSon*  
Approved: *AnSon*

**DRAWING TITLE**  
UU9.8 COMMON-CODE  
FILTER INDUCTOR

Material Number:

Customer P/N:  
Document/Rev: FARD2505012/00  
Specification Sheet: 1 of 1  
Date of Recognition: May./08/2025

| REV | DESCRIPTION | APPD | DATE |
|-----|-------------|------|------|
|-----|-------------|------|------|