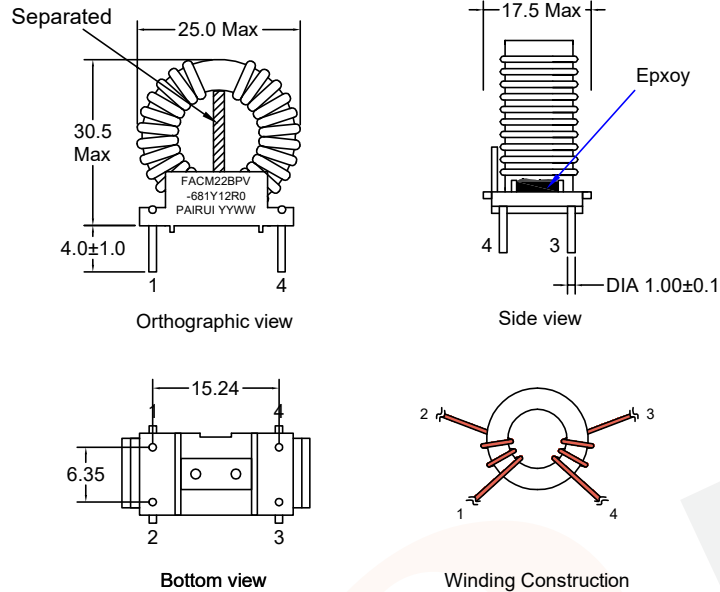
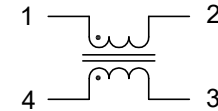


P/N: FACM22BPV-681Y12R0

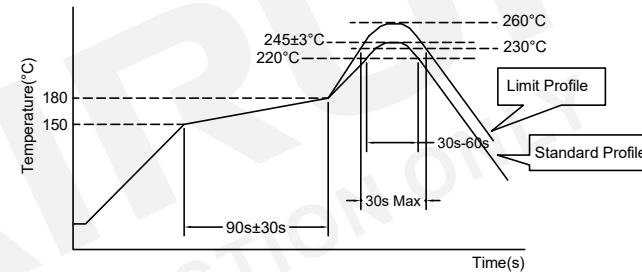
### Outline Dimensions(Unit:mm)



### Electronical Schematic



### Recommended Soldering Temperature Graph.



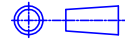
|                  | Standard Profile    | Standard Profile    |
|------------------|---------------------|---------------------|
| Pre-heating      | 150~180°C,90s±30s   |                     |
| Heating          | above 220°C,30s-60s | above 240°C,30s Max |
| Peak temperature | 245°C±3°C           | 260°C, 10s          |
| Cycle of reflow  | 2 times             |                     |

### Electrical Characteristics(at 25°C)

Inductance : L1-2=4-3= 0.68mH Min,at 10KHZ,0.1V.  
 Rated current: 12.0Amps.  
 D.C.Resistance : 1-2= 0.009 ohms Max.  
 4-3= 0.009 ohms Max.  
 Turns Ratio : Coil:Coil= 1:1±2%,at 20KHZ,1V.  
 Hipot : Coil-Coil : 1500VAC/5mA/2Second.

### List of UL Certificate:

| Part Name   | Mat'l Description   | Supplier                                  | UL Number |
|-------------|---------------------|---|-----------|
| Base        | Base-044/PBT(White) | Chang Chun Plastics Co Ltd                | E59481    |
| Copper wire | 1UEW-F/155C         | Elektrisola Hangzhou Co Ltd               | E258243   |
| Core        | Ferrite core(Green) | Su Zhou Tian Ming Magnetic                | N/A       |
| Epoxy       | E-500               | Dong Guan Shi Pai Hua Chuang Material Fty | E304477   |
| Spacer      | 1.50mm/FR-4         | Kingboard Laminates Holdings Ltd          | E123995   |

|     |             |      |      |   |   |   |   |  |
|-----|-------------|------|------|---|---|---|---|--|
|     |             |      |      | 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: Qiumei.Liu<br>Checked: Beson. zhan<br>Approved: Anson. zhan | <b>DRAWING TITLE</b><br>CURRENT-COMPENSATED RING<br>CORE DOUBLE CHOKES<br>Material Number: A31CM022S680 | Customer P/N:<br>Document/Rev: 00<br>Specification Sheet: 1 of 1<br>Date of Recognition: July./22/2020 |
| REV | DESCRIPTION | APPD | DATE |   |   |   |   |  |