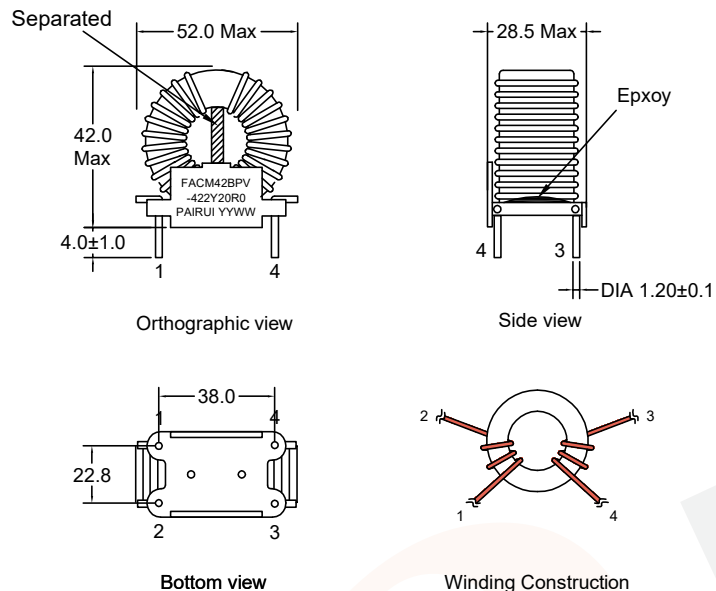
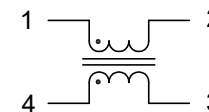


P/N: FACM42BPV-422Y20R0

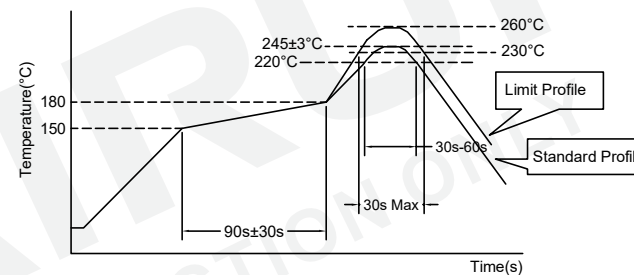
### Outline Dimensions(Unit:mm)



### Electronical Schematic



### Recommended Soldering Temperature Graph.



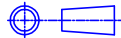
	Standard Profile	Standard Profile
Pre-heating	150~180°C, 90s±30s	
Heating	above 220°C, 30s-60s	above 240°C, 30s Max
Peak temperature	245°C±3°C	260°C, 10s
Cycle of reflow	2 times	

### Electrical Characteristics(at 25°C)

Inductance : L1-2=4-3= 4.2mH Min, at 10KHz, 0.1V.  
 Rated current: 20.0Amps.  
 D.C.Resistance : 1-2= 0.015 ohms Max.  
 4-3= 0.015 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
Case	EB13-006/PBT(White)	Chang Chun Plastics Co Ltd	E59481
Copper wire	1PEW-H/180C	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	3.00mm/FR-4	Kingboard Laminates Holdings Ltd	E123995

				Tianchang Fuan Electronic Co Ltd www.fuantronics.net TEL: +86-550-7814888 FAX: +86-550-7831133		Make: Qiumei.Liu Checked: Beson. zhan Approved: Anson. zhan	<b>DRAWING TITLE</b> CURRENT-COMPENSATED RING CORE DOUBLE CHOKES Material Number: A31CM042S060	Customer P/N: Document/Rev: 00 Specification Sheet: 1 of 1 Date of Recognition: Jan./02/2020
REV	DESCRIPTION	APPD	DATE					