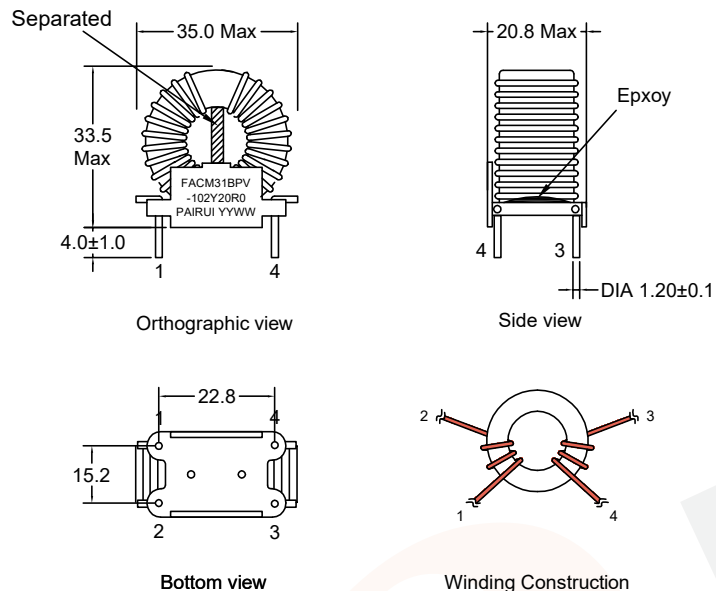
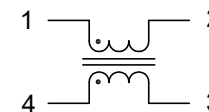


P/N: FACM31BPV-102Y20R0

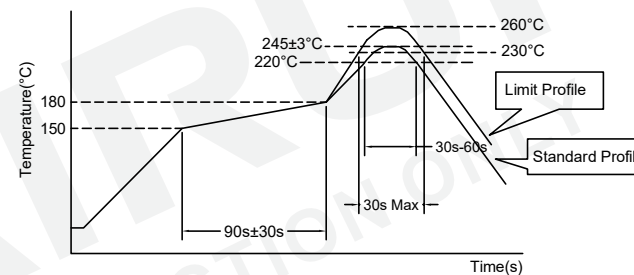
Outline Dimensions(Unit:mm)



Electronical Schematic



Recommended Soldering Temperature Graph.



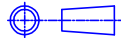
	Standard Profile	Standard Profile
Pre-heating	150~180°C,90s±30s	
Heating	above 220°C,30s-60s	above 240°C,30s Max
Peak temperature	245°C±3°C	260°C, 10s
Cycle of reflow	2 times	

Electrical Characteristics(at 25°C)

Inductance : L1-2=4-3= 1.0mH Min,at 10KHz,0.1V.
 Rated current: 20.0Amps.
 D.C.Resistance : 1-2= 0.006 ohms Max.
 4-3= 0.006 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	EB13-003/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	2.00mm/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	DRAWING TITLE CURRENT-COMPENSATED RING CORE DOUBLE CHOKES Material Number: A31CM031S070	Customer P/N: Document/Rev: 00 Specification Sheet: 1 of 1 Date of Recognition: Jan./02/2020
REV	DESCRIPTION	APPD	DATE		Tolerances unless otherwise specified: (X)±0.50 (XX)±0.25 Unit of measurement: mm			