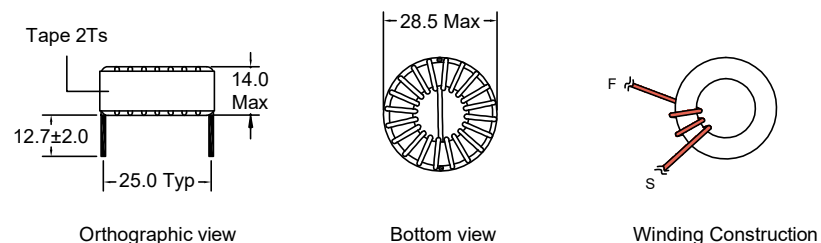


P/N: FA2814-H-151L4R9



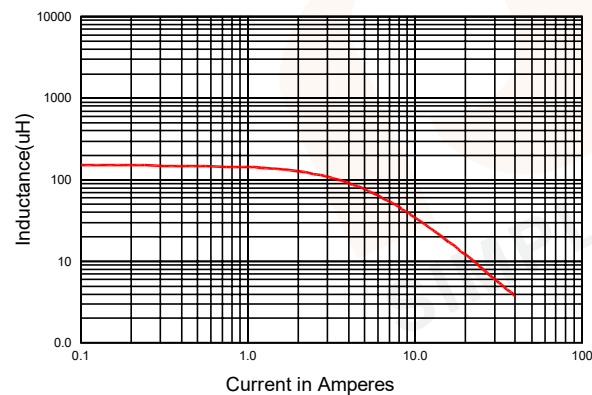
## Outline Dimensions(Unit:mm)



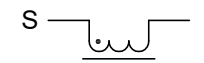
## Electrical Characteristics(at 25°C)

Inductance : L0A= 150uH $\pm$ 15%,at 1KHz,0.3V.  
L4.9A= 76uH $\pm$ 15%,at 1KHz,0.3V.  
Rated current: 4.9Amps.  
D.C.Resistance : 0.052 ohms Typ.

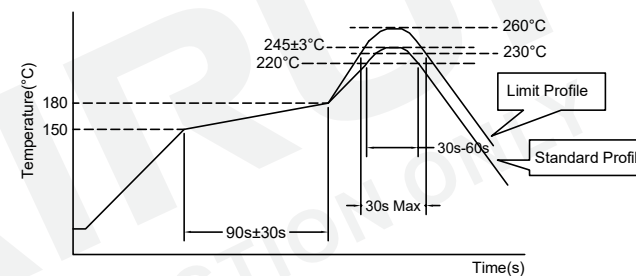
## Inductance VS Current



## Electronical Schematic




## Recommended Soldering Temperature Graph.



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

## List of UL Certificate:

Part Name	Mat'l Description	Supplier	UL Number
Copper wire	2UEW-F/155C	Elektrisola Hangzhou Co Ltd	E258243
Core	Alloy Magnetic Powder Cores	KeDa Magneto Electricity	N/A
Tape	AC05(White)/130C	SYMBIO INC	E50292

				Tianchang Fuan Electronic Co Ltd www.fuantronics.net TEL: +86-550-7814888 FAX: +86-550-7831133		Make: Qiumei.Liu	<b>DRAWING TITLE</b> HIGH CURRENT TOROID INDUCTORS	Customer P/N:
					Tolerances unless otherwise specified: (.X)±0.50    (.XX)±0.25 Unit of measurement: mm	Checked: Beson. zhan		Document/Rev: 00
						Approved: Anson. zhan		Specification Sheet: 1 of 1
REV	DESCRIPTION	APPD	DATE			Material Number: A31DM092S390	Date of Recognition: Jan./02/2020	