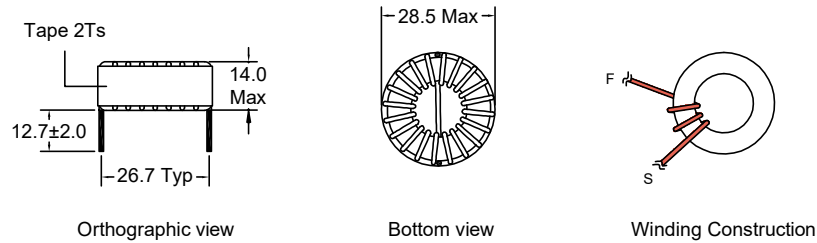


P/N: FA2814-H-180L13R1



Outline Dimensions(Unit:mm)



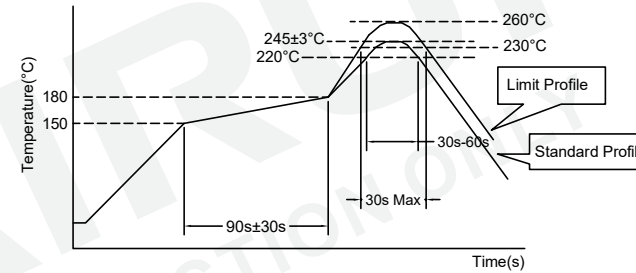
Electronical Schematic



Electrical Characteristics(at 25°C)

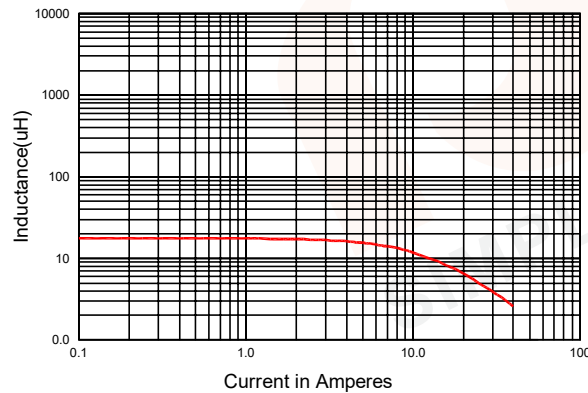
Inductance : L0A= 18uH±15%,at 1KHz,0.3V.
 L13.1A= 9.7uH±15%,at 1KHz,0.3V.
 Rated current: 13.1Amps.
 D.C.Resistance : 0.007 ohms Typ.

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	

Inductance VS Current



List of UL Certificate:

Part Name	Mat'l Description	Supplier	UL Number
Copper wire	1PEW-H/180C	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	 Tolerances unless otherwise specified: (.X)±0.50 (XX)±0.25 Unit of measurement: mm	Make: Qiumei.Liu Checked: Beson. zhan Approved: Anson. zhan	DRAWING TITLE HIGH CURRENT TOROID INDUCTORS Material Number: A31DM092S280	Customer P/N: Document/Rev: 00 Specification Sheet: 1 of 1 Date of Recognition: Jan./02/2020
REV	DESCRIPTION	APPD	DATE					