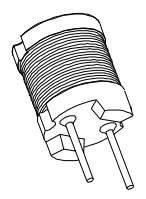
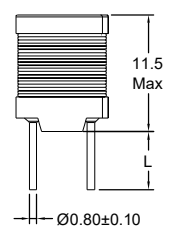


P/N: FALCH1010-150K4R5-□

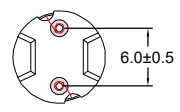
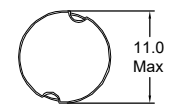
Outline Dimensions(Unit:mm)



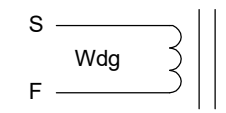
Pins Lead(L):

-5	5.00±1.0
-10	10.0±2.0
-15	15.0±3.0

FALCH1010-150K4R5-5
FALCH1010-150K4R5-10
FALCH1010-150K4R5-15



Electronical Schematic

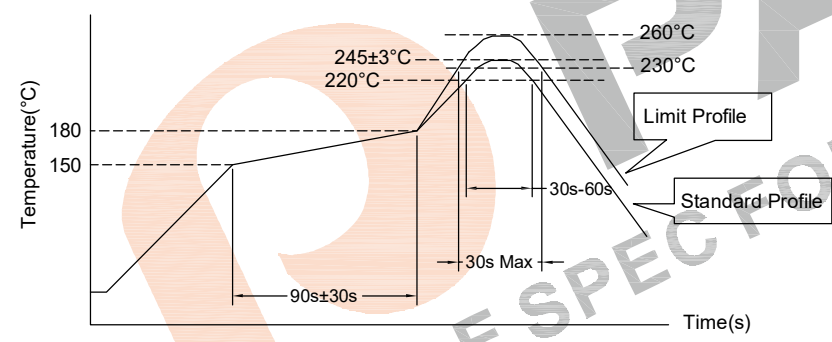


Electrical Characteristics(@25°C)

Inductance 1KHz,0.3V	DC Resistor	Temp. 40°C	Lldc: 1KHz,0.3V		
			10% drop	20% drop	30% drop
15uH±10%	27.0mΩ Max	4500mA	5000mA	6000mA	6800mA

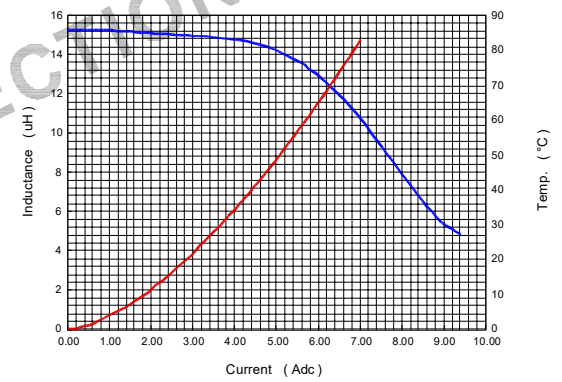
***Operating Temperature: -40°C~+125°C.
(Temperature rise included)
***Storage Temperature : -40°C~+125°C.
***Storage Humidity:RH10%~70%.

Recommended Soldering Temperature Graph.



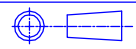
	Standard Profile	Standard Profile
Pre-heating	150~180°C,90s±30s	
Heating	above 220°C,30s-60s	above 240°C,30s Max
Peak temperature	245°C±3°C	260°C,10s
Cycle of reflow	2 times	2 times

Simulation test curve:



Material list

Part Name	SPEC	Supplier	UL Number
Core	DR2W10*10RF(B=4.7)-NiZn	LiCheng Electronic(ZhangZhou) Co.,Ltd	N/A
Wire	2UEW-F/155°C	ShangDong Saint Electric Co.,Ltd	E194410

REV	DESCRIPTION	APPD	DATE	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	Drawn: <i>June</i> Checked: <i>Benson</i> Approved: <i>AmSon</i>	DRAWING TITLE DR2W10*10RF RADIAL FILTER CHOKE Material Number:	Customer Name: Document/Rev: 221116700 Specification Sheet: 1 of 1 Date of Recognition: Nov./08/2022