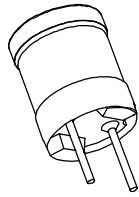
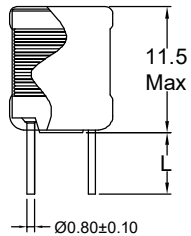


P/N: FALCH1010T-820K2R1-□

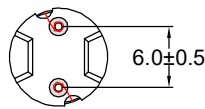
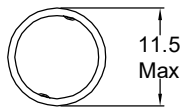
Outline Dimensions(Unit:mm)



Pins Lead(L):

-5	5.00±1.0
-10	10.0±2.0
-15	15.0±3.0

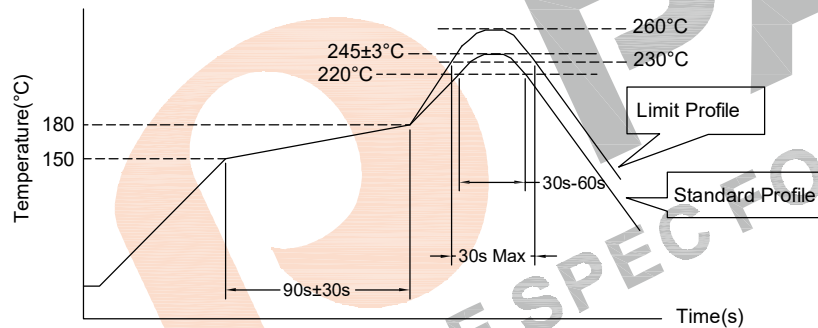
FALCH1010T-820K2R1-5
 FALCH1010T-820K2R1-10
 FALCH1010T-820K2R1-15



REMARK:

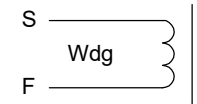
Products need thermal shrinkable sleeve.

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

Electronical Schematic

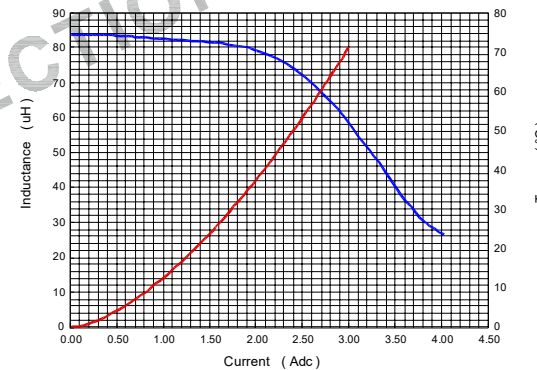


Electrical Characteristics(@25°C)

Inductance 1KHz,0.3V	DC Resistor	Temp. 40°C	Lldc: 1KHz,0.3V		
			10% drop	20% drop	30% drop
82uH±10%	120mΩ Max	2100mA	2300mA	2700mA	3000mA

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

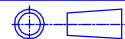
Simulation test curve:



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
Tube	Heat shrinkable casing/125°C	Changyuan Electronics (Shenzhen) Co Ltd	E180908

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 TEL: +86-550-7814888
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Tolerances unless otherwise specified:
 (.X)±0.50 (.XX)±0.25
 Unit of measurement: mm

Drawn: *June*
 Checked: *BenSon*
 Approved: *AmSon*

DRAWING TITLE
 DR2W10*10RF RADIAL FILTER CHOKE
 Material Number:

Customer Name:
 Document/Rev: 2211202/00
 Specification Sheet: 1 of 1
 Date of Recognition: Nov./08/2022

REV	DESCRIPTION	APPD	DATE