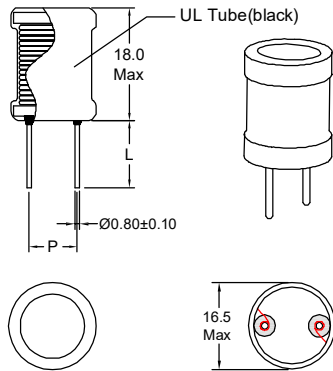


P/N: FALCHB1415-181K3R0-□

Outline Dimensions(Unit:mm)



Pins Length(L):

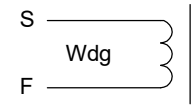
-5	5.00±1.0
-10	10.0±2.0
-15	15.0±3.0
P1	7.5±0.50
P2	10.0±0.50

FALCHB1415-181K3R0-5P1(-5P2)
FALCHB1415-181K3R0-10P1(-10P2)
FALCHB1415-181K3R0-15P1(-15P2)

REMARK:

1. Products need thermal shrinkable sleeve.

Electronical Schematic



Electrical Characteristics(@25°C)

Inductance 1KHz,0.3V	Lldc 1KHz,0.3V	Temp. 40°C	DC Resistor	Rated Current
180uH±10%	>90%*LOA	2600mA	140 mΩ Max	3000mA

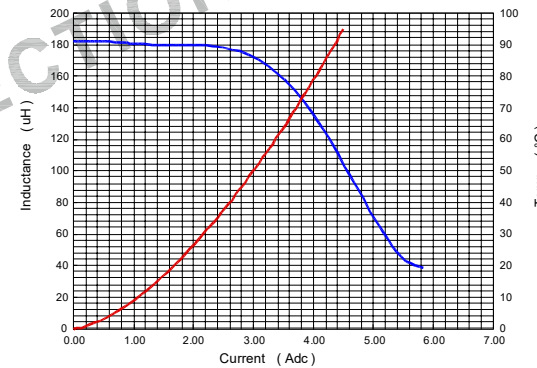
***Operating Temperature: -40°C~+125°C.
(Temperature rise included)
***Storage Temperature : -40°C~+125°C.
***Storage Humidity:RH10%~70%.

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

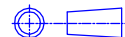
Simulation test curve:



Material list

Part Name	SPEC	Supplier	UL Number
Core	DR2W14*15(B=8)-MgZn	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

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: *June*
Checked: *Benson*
Approved: *Am Son*

DRAWING TITLE
DR2W14*15 RADIAL FILTER CHOKE
Material Number:

Customer Name:
Document/Rev: 2210151/00
Specification Sheet: 1 of 1
Date of Recognition: Oct./13/2022

REV	DESCRIPTION	APPD	DATE