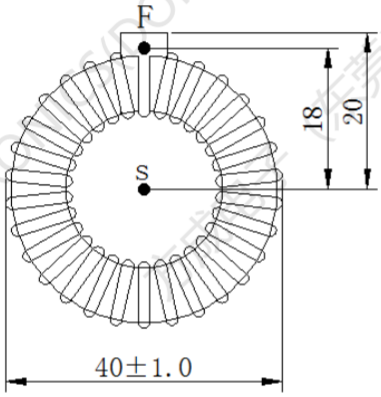
PFC-DH4030-451K High Current PFC Inductor

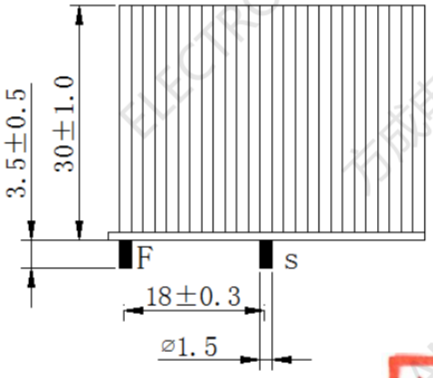
Applications

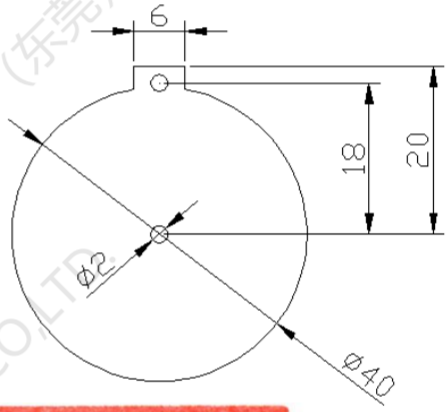
- High inductance, high current.
  大电流，高感值.
  Plug-in installation method, high-flux core material
  插件安装方式，高磁通磁芯材质
  AC/ circuit FPC inductor
  交流电路 FPC 电感.
  Operating temperature: -40 ° C to +125° C



1. Dimensions: [mm]





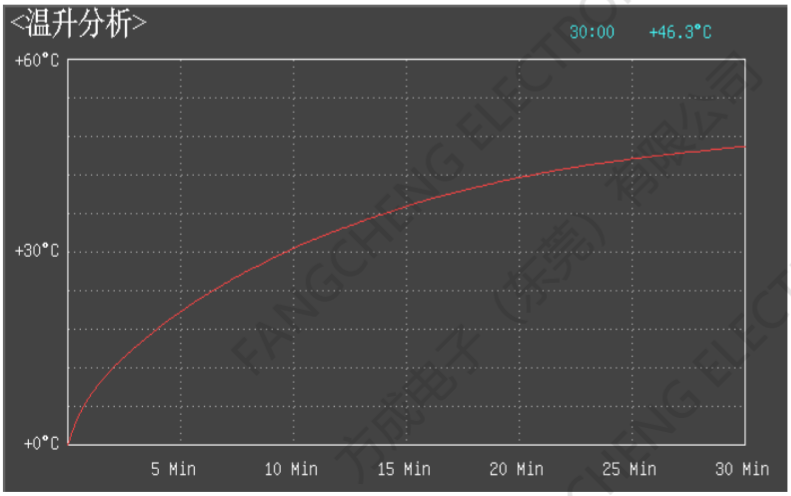


3.Schematic:



方成电子（东莞）有限公司
受控文件
日期: 年 月 日

4. Temperature Rise vs. Current Characteristics:





FangchengElectronics(Dongguan)Co.,LTD
E-mail:yhl@fangchengcoils.com
TEL : 0769-82988010 FAX : 0769-82988065
http://www.fangchengcoils.com

PFC-DH4030-451K High Current PFC Inductor

5. ELECTRIC CHARACTERICS

Order Code	L(μH)	L(μH)	DCR	Irms - A	Isat- A	HI-POT-V
	±10%/0A	11.0A	Ω	Typ / max	MAX	COIL-CORE
PFC-DH4030-451K	450	300/min	0.055	11.0/12.0	**11.0**	**AC500V**

Remark:

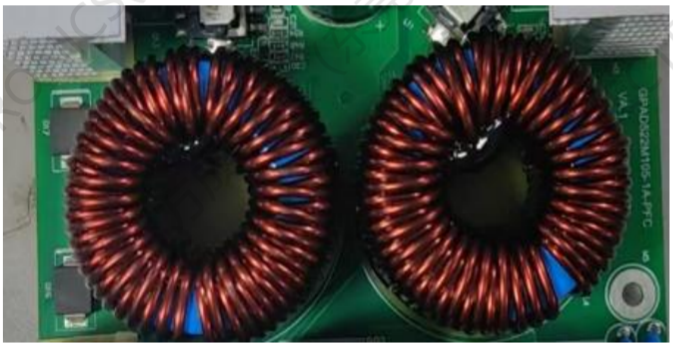
<1>Inductance: 100KHz 0.1V

<2>Tolerance of inductance:±10%.

<3>Isat: The value of curret indicates that inductance drops 30%(Typcial) from its initial value

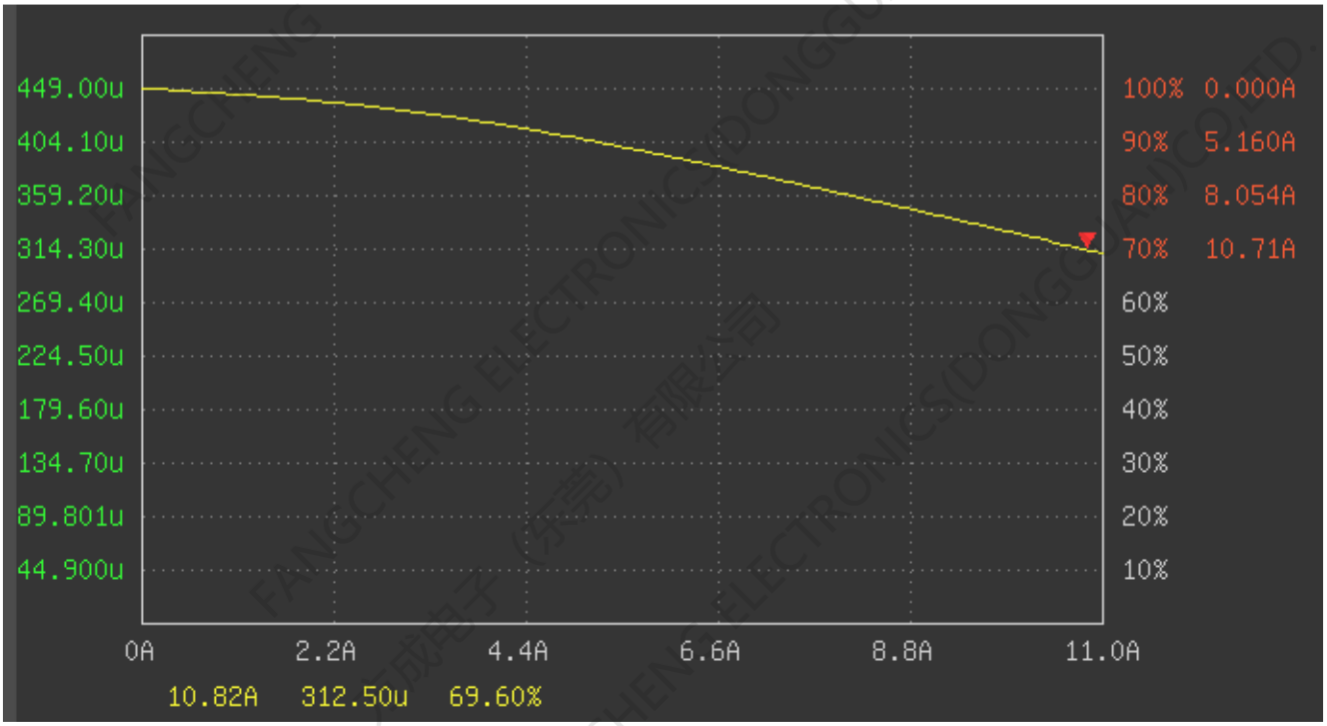
<4>Irms:The value of current indicates that the temperature of the coil is increase 40℃ (Typical)

<5>Test condition: Ta= 25℃



方成电子（东莞）有限公司
受控文件
日期: 年 月 日

6. Inductance VS Current Curve:



Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

FC:

DEP23-150M FC-SCT4.6-1:100 FC-LCM7060-222 FC-SE2014-220M FC-SCT4.2-1:100 FC-LCM7060-272 FC-CT9825-200T-40A FCH0650-100M PFC-SE2822-251M PFC-SE2822-221M FC-STR7040-5V-5V-3.8W FC-DLF2218-2R5-100A-LF FCH1365-100M FC-LCM1513-551 DEP23-220M FC-SCT4.2-1:50 FC-SCT1010-1:100T-40A FC-SE2918-220M FC-SE2014-470M FC-ULCT1013-1:150-35A FC-SCT1090-200T-50A FC-SCT1010-1:150T-40A FC-SE2822-470M FC-LCL2208-121-25A-LF FC-SLF1065-121 FC-LCL2208-451-10A-LF FC-LCM1211-701 FC-SCTEE8.5-1-100T FCH1365-101M FC-DLSF1010-12mH