

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

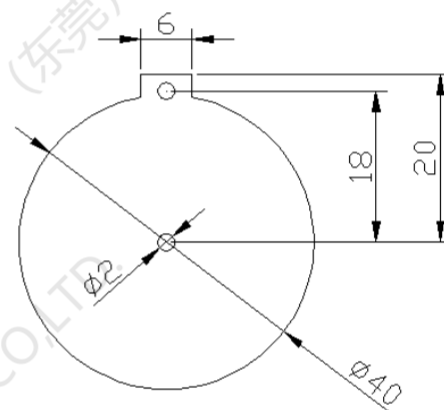
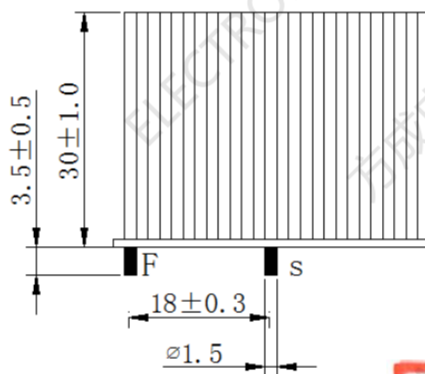
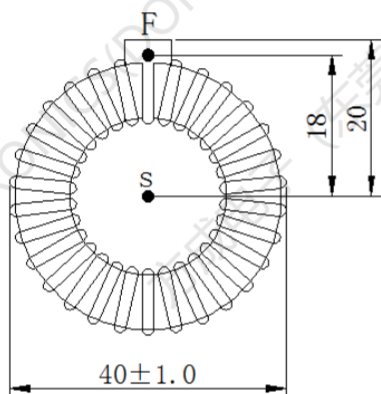
插件安装方式，高磁通磁芯材质

AC/ circuit PFC inductor

交流电路 PFC 电感.

Operating temperature: -40°C to $+125^{\circ}\text{C}$

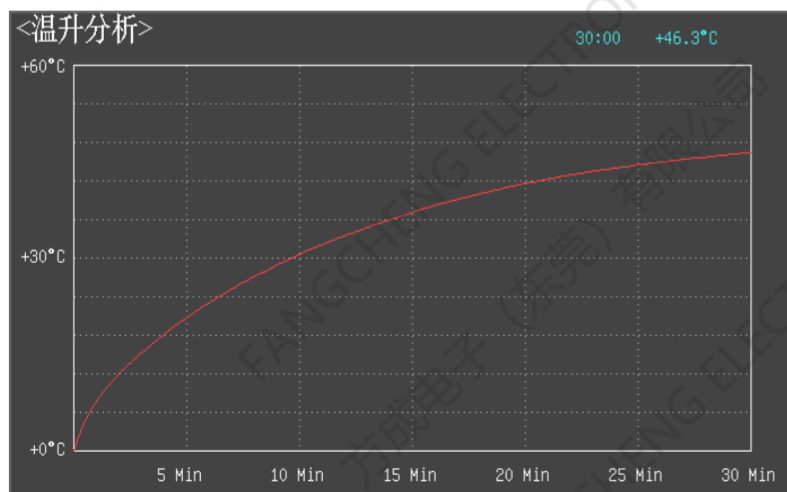
1. Dimensions: [mm]



3.Schematic:



4. Temperature Rise vs. Current Characteristics:



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5. ELECTRIC CHARACTERISTICS

Order Code	L(μ H)	L(μ H)	DCR	I _{rms} - A	I _{sat} - A	HI-POT-V
	$\pm 10\%/0A$	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: $\pm 10\%$.

<3>I_{sat}: The value of current indicates that inductance drops 30%(Typical) from its initial value

<4>I_{rms}: The value of current indicates that the temperature of the coil is increase 40°C (Typical)

<5>Test condition: T_a= 25°C



6. Inductance VS Current Curve:

