

FHC Series

SMD Flat Wire High Current Inductor

Size 1365



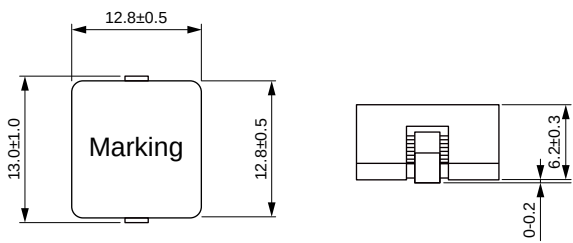
CHARACTERISTICS

- Low Rdc with flat wire design
- Low cooper losses at high frequency
- Magnetic shielded structure
- Quantity: 400pcs

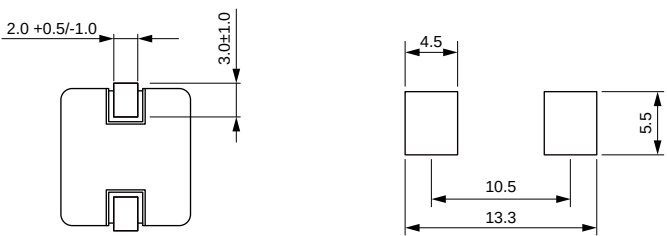
APPLICATION

- High current DC/DC converter
- LC filter

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

Inductance (μH)	Tolerance	Temperature Rise Current (A)	Saturation Current (A)	DC Resistance Typ. (mΩ)	DC Resistance Max. (mΩ)



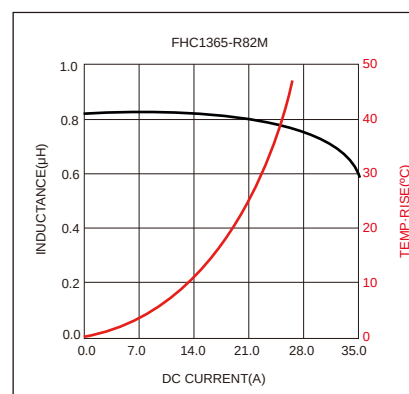
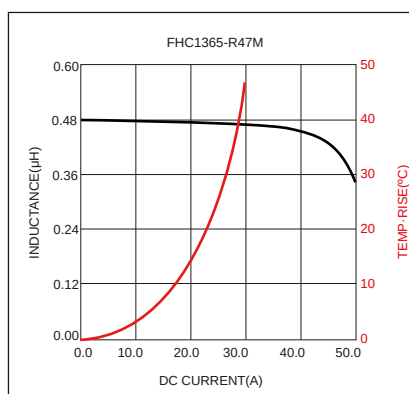
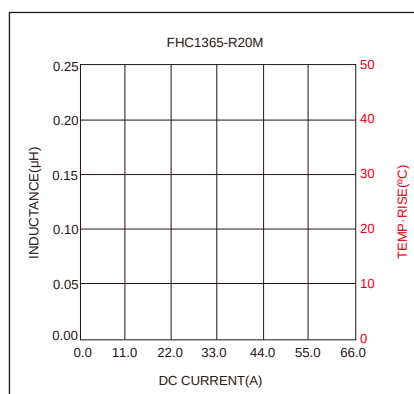
Test Frequency : Inductance : 100KHz /0.1V.

Operating Temperature : -40 °C ~ 125 °C

Temperature Rise Current: the actual value of DC current when the temperature rise is $\Delta T 50^{\circ}\text{C}$

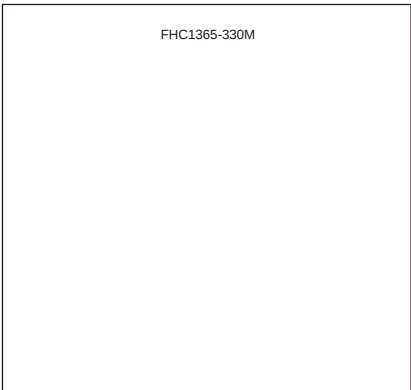
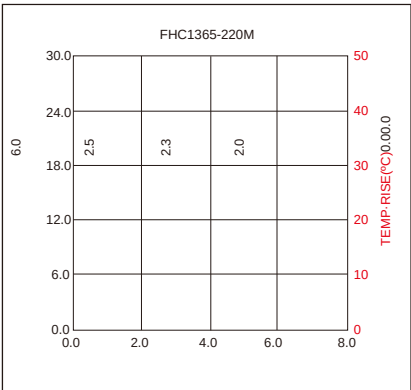
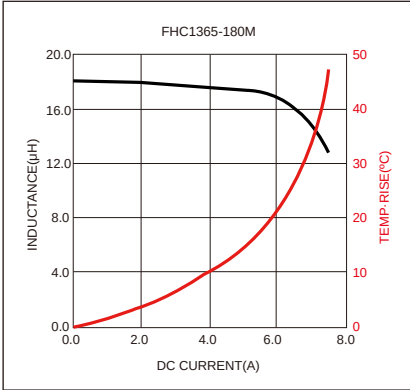
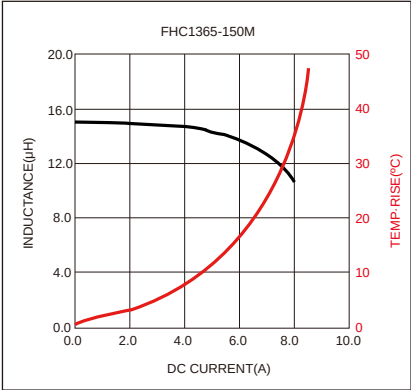
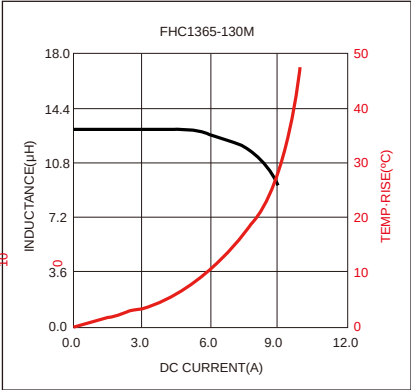
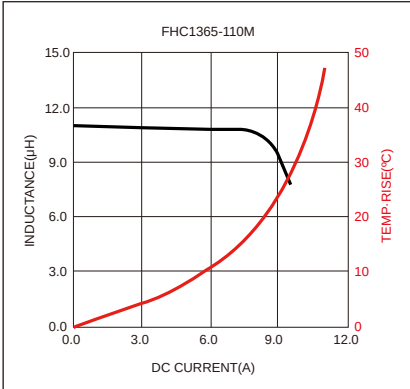
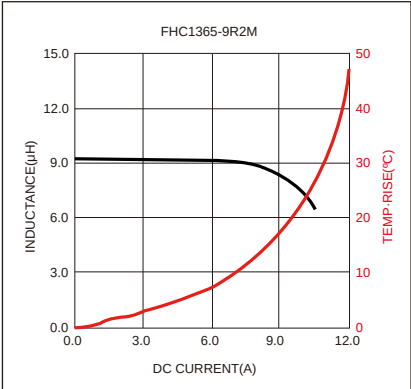
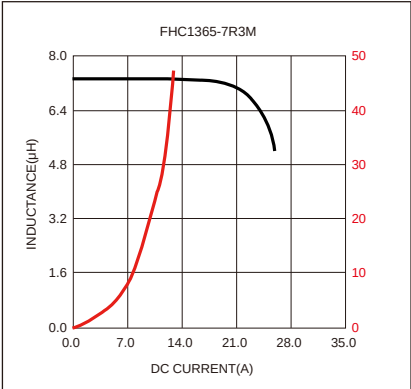
Saturation Current that will cause initial inductance to drop approximately 30%

Typical Electrical Characteristics:





Typical Electrical Characteristics:



8.21
202.7