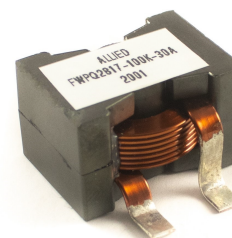
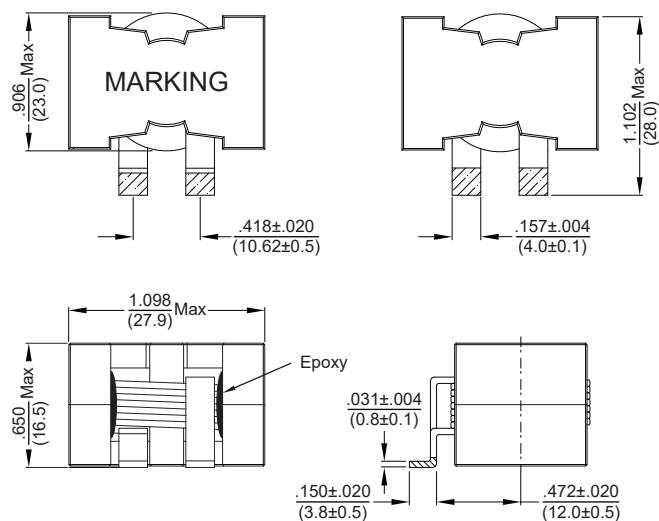




Flat Wire SMD Power Inductor

FWPQ2817-100K-30A



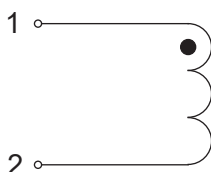
Allied Part Number	Inductance ±10% (μH)	Test Frequency KHz, 0.1V	DCR (mΩ) Max	I _{rms} (A) Typ.	I _{sat} (A) Typ.	HiPot Coil to Core 50Hz, 5A, 2S
FWPQ2817-100K-30A	10	500	3.00	30.0	30.0	300VAC

All specifications subject to change without notice.

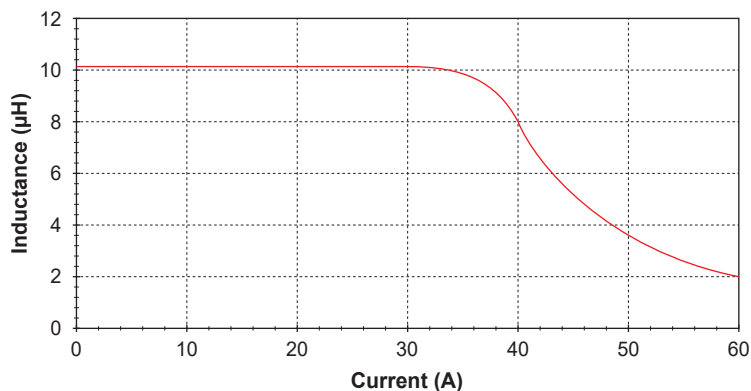
Features

- Flat Wire SMD Power Choke.
- Low Magnetic Loss
- Low DCR
- High Saturation Current

SCHEMATIC



TYPICAL PERFORMANCE CURVE



Electrical

Inductance Range: 10μH

Tolerance: ±10%

Test Frequency: 500KHz, 0.1V

Operating Temp: -40°C to +125 °C (including self temp rise).

I_{sat}: Current at which the inductance will drop by 30% from its original inductance without current.

I_{rms}: The actual value of DC current when the temperature rise is ΔT 40°C.

Physical

Packaging: 64 per Tray, 320 per Carton