

ULTRA FLUX

Dongbu, one of major manufacturers of "Magnetic Powder Core", has developed new material, especially for the applications designed for high currents and frequencies. This brand new core, titled as "Ultra Flux", is made of New material system alloy powder and offers good energy storage ability with the best DC-Bias property similar to High Flux, good temperature stability similar to MPP, good core losses better than Power Flux and much cheaper price than High Flux.

东部是“磁粉铁芯”的主要厂商之一,已开发了新材料,特别是适用于高电流高频率的应用程式。这个全新的磁粉铁芯,标题为“UF 磁粉铁芯”,是由新材料体系合金粉末,并提供最好的DC-BIAS性能良好的储能能力,类似于HF,类似于MPP良好的温度稳定性,良好的磁芯损耗优于PF和性价比HF便宜得多。

FEATURES

- Excellent Core Loss & DC-Bias characteristics
- High Bmax of 14,000Gauss
- Excellent temperature stability
- Large energy storage capacity
- Frequency range up to 1.0MHz
- 100% lead (Pb)-free and RoHS compliant

APPLICATIONS

- Power choke for high current (over 50A)
- Power inductor for energy storage (solar cell, wind energy.. etc)
- Power inductor for military & industries
- Power output stage inductor for switch mode power supply

GENERAL INFORMATION

Brand Name	Ultra Flux
Permeability	26, 60, 90, 125 μ
Material Code	U
Core Color	Sky Blue
Material	Ni-Fe-Si-Al powder
Bmax	14,000Gauss
Curie Temp.	500°C
Operating Temp.	-40°C ~ 200°C
Core Size (Outer Diameter)	0.14" ~ 5.20" 4.19mm ~ 132.54mm

