

# HIGH FLUX

Dongbu High Flux Powder Cores are made of Ni-Fe alloy powder and offers excellent DC-BIAS characteristics and high Bmax of 15,000 Gauss compared to other powder cores.

Dongbu High Flux Powder Cores are ideal material where Power Factor Correction( PFC) circuits under high power conditions are needed.

Based on good features, We are extending Dongbu High Flux application to the advanced fields such as SMPS for Hybrid car, HID lamp and so on.

东部HF磁粉铁芯采用镍铁合金粉末,比其他磁性铁芯提供更优良的DC-BIAS特性和15000 Gauss的高Bmax。  
东部HF磁粉铁芯是需要高功率条件下的功率因数校正(PFC)电路的理想材料。  
基于良好的功能,我们正在朝先进的领域扩建东部的高通量应用,如用于混合动力汽车的SMPS, HID灯等

## FEATURES

- Excellent DC-Bias Characteristics
- High Bmax of 15,000 Gauss Compared to MPP & Ferrite
- Core Losses Significantly Lower than Iron Powder Cores
- 100% lead (Pb)-free and RoHs compliant

## APPLICATIONS

- Power factor correction (PFC) circuits
- Switching Regulator Inductor for Computer( Lap Top , Server ) high power conditions are needed
- In-line Noise Filter
- Pulse and Flyback Transformers

## GENERAL INFORMATION

Brand Name	HF
Permeability	26, 60, 125 $\mu$
Material Code	H
Core Color	KHAKI
Material	Ni-Fe alloy powder
Bmax	15,000 Gauss
Curie Temp.	500°C
Operating Temp.	-40°C ~ 200°C
Core Size (Outer Diameter)	0.14" ~ 5.20" 4.19mm ~ 132.5mm

