

SENDUST



Dongbu Sendust Powder Cores are distributed air-gap toroidal cores that possess many outstanding characteristics such as high resistivity, low power losses and excellent inductance stability under DC & AC conditions.

The 10,000 gauss saturation level of Dongbu Sendust provides a higher energy storage capability and competitively priced against other materials.

Based on good features, We are extending Dongbu Sendust application to the high advanced fields such as UPS, Reactor for Solar inverter and wind generating system

东部SDT 磁粉铁芯具有许多气隙环形突出的特点,如高电阻率,低功率损耗和直流和交流条件下表示出色的电感稳定性。东部SDT的10000 Gauss饱和度能提供比其他材料更高端的储存能力而且能提供更有竞争力的价格。

基于良好的功能,我们正在把东部SDT推到更高段的领域,列如UPS,电抗器的太阳能逆变器和风力发电系统

FEATURES

- Good DC-Bias characteristics
- Good Temperature Stability
- Core Losses significantly lower than iron powder cores
- Cost between iron powder cores and MPP / HF /Power Flux
- 100% lead (Pb)-free and RoHs compliant

APPLICATIONS

- Switching Regulator Inductor for Computer (Desk top , Lap Top , Server)
- Power Choke for Display (PDP, LCD TV, LapTop PC, PDA, Mobile Phone)
- Power factor correction (PFC) circuits In-Line Noise Filters
- Pulse Transformers, Fly-back Transformers
- Choke coil for Telecommunications

GENERAL INFORMATION

Brand Name	SENDUST
Permeability	26, 40, 60, 75, 90, 125 μ
Material Code	S
Core Color	Black
Material	Fe-Si-Al alloy powder
Bmax	10,000Gauss
Curie Temp.	500°C
Operating Temp.	-40°C ~ 200°C
Core Size (Outer Diameter)	0.14" ~ 5.20" 4.19mm ~ 132.54mm

