Nanocrystalline

Nanocrystalline and Amorphous

Power Current toroidal Amorphous Inductive Iron Core without air-gap

Iron core characteristics:

1. Very low high frequency iron loss
2. Smaller and lighter than ferrite and magnetic powder core
3. Small leakage inductance due to missing gap
4. Small temperature coefficient of the inductance

Use:

1. Applicable to output of smoothing circuit
2. Applicable to DC-Dc inverter
3. Applicable to filter resonance suppressor
4. Applicable differential inductance
5. Applicable video, audio noise suppressor

Specification and performance of iron core

Model	Specification	Technical Performance	Shell Color
TIE-C-AN30	¢11/18×10	f = 1KHZ ¢1mm N=26 0A L=565±25%μH	SA1220(0A)B(Biack) SA1220(0A)I(Ivory) SA1220(0A)G(Grey)
TIE-C-AN31	¢11/18×10	f=1KHZ ¢0.8mm N=52 2A L≥300μH	SA1220(2A)B(Black) SA1220(2A)I(Ivory) SA1220(2A)G(Grey)
TIE-C-AN32	¢8/20×10	f=1KHZ ¢1.1mm N=28 0A 1A 2A 3A 480 470 150 15μH	SA1020(0~3A)B(Black) SA1020(0~3A)I(lovry) SA1020(0~3A)G(Grey)

Notice:

1.SA1220(0A)represents inductance value when iron core specification is ¢11/18 10mm,0A;
2. SA1220(2A)represents inductance value when iron core specification is ¢11/18 10mm,2A;
3. SA1020(0~3A),may be divided into several varities according to the needs, for esample;
SA1220(0A),SA1020(1A), SA1020(2A).