



Data Sheet for YN-NB Series Nanocrystalline Block Core

■ Characteristics:

- 1 Made of high performance nanocrystalline alloy ribbon
- 2 Low core loss with less heat dissipation at high frequency
- 3 Improve interlayer resistance with wire cutting
- 4 Withstand high voltage and avoid high voltage breakdown
- 5 Product can be customized
- 6 Suitable for small batch quantity with short lead time
- 7 Low cost with high volume quantity

■ Applications:

- 1 High power and high voltage inductor
- 2 MRI (Magnetic Resonance Image) magnet
- 3 High frequency filter resistor

Figure 1 YN-NB series block core

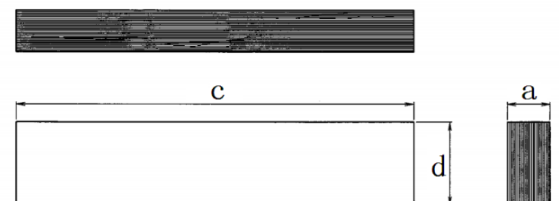


NO.	Part No.	Inductance Value	Interlayer Resistance	Dimension (mm)		
		L(μH)	Z (Ω)	a	c	d
1	YN-NB2806019H	≥100μH	≥1.0Ω	19±1	280±2	60±0.5
2	YN-NB2806030H	≥100μH	≥1.5Ω	30±1	280±2	60±0.5
3	YN-NB3746037H	≥100μH	≥1.5Ω	37±1	374±2	60±0.5

※Notes:

- 1 Operating temperature range : -25 °C ~ +120 °C
(Including spontaneous temperature rise)
 - 2 All products meet the requirements for RoHS standard
- ※ Test conditions for inductance value: L value
@1KHz, 1V, Ts=20

Figure 2 Size drawing for YN-NB series block core





秦皇岛市燕秦纳米科技有限公司

Qinhuangdao Yanqin Nano Science and Technology Co., Ltd.

