



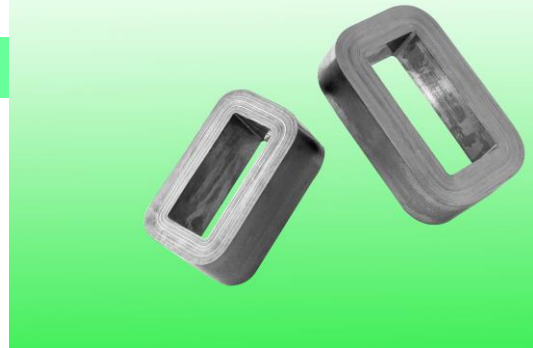
Data Sheet for YN-NC Series Nanocrystalline CD-Type Core

■ Characteristics:

- 1 Made of high performance nanocrystalline alloy ribbon
- 2 Low core loss and less heat dissipation at high frequency
- 3 High saturation flux density with less coil turns
- 4 Good temperature stability
- 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 transformer
- 2 High power and high frequency resistor



Part No.	Magnetic Property		Dimension (mm)						
	L (μH) (≥)	Core loss (W/kg) ≦	a	b	c	d	e	f	g
YN-NC-95301325	400μH	0.5	13±1.0	30±1.5	95±1.5	25±0.5	56	121	—
YN-NC-140454020	2000μH	0.5	40±1.5	45±1.5	140±1.5	20±0.5	125	220	30±2.0
YN-NC-200552550	2000μH	0.5	25±1.5	55±2.0	200±2.0	50±0.5	105	250	20±2.0
YN-NC-2801405030	3000μH	0.5	50±2.0	140±2.0	280±3.0	30±0.5	240	380	20±3.0
YN-NC-48026010030C	—	0.5	100±3.0	260±3.0	480+6.0-0	30±0.5	460	680	20±5.0

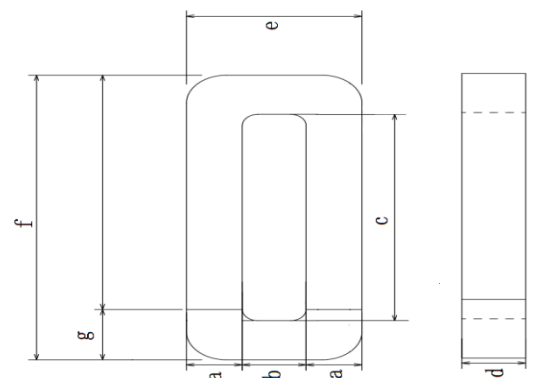
※Test conditions for electromagnetic properties:

L value @1KHz, 1V, Ts=20, core loss @16kHz, 0.037T

※Notes:

- 1 Operating temperature range: -25°C ~ +120°C (Including spontaneous temperature rise)
- 2 All products meet the requirements for RoHS standard

Figure 1 Size drawing for YN-NC series core





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