

## Specification for Soft Magnetic Cores

Date:  
May.2021

Customer:

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Part NO:

NO 22019030

Spec No:

H3062

REV.00

**Core design: CMC cores**

**Bare Dimensions (in mm) :**

OD×ID×Ht: 220×190×30

**Finished Dimensions(in mm):**

OD: 228 Max

ID: 184 Min

H t: 36 Max

**Core Material:Nanocrystalline**

**Type of Finish:** Plastic Casing

**Rohs Directive**

**Rated Dimensions:**

$A_{Fe}$ : 3,38 cm<sup>2</sup>

$L_{Fe}$ : 64,4 cm

$M_{Fe}$ : 1564,2 g

**Characteristics:**

1 Setting values: 10KHz,0,3V N=1

Specified valu 44,3  $\mu$ H  $\leq AL \leq$  88,5  $\mu$ H

2 Setting values: 100KHz,0,3V N=1

Specified valu 8  $\mu$ H  $\leq AL \leq$  15,6  $\mu$ H

Testing device: Tonghui TH2826A LCR Meter

Nanocrystalline material :1K107B

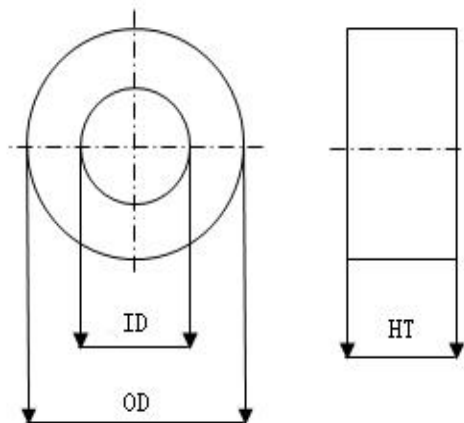
Saturation flux density  $B_s \geq 1,25$ T

Permeability level  $\mu$ : 89500 @10KHz

Operation Temperature range: -40°C~+150°C

Final inspection: 100% tested AQL:1,5 GB2828II

Comments: Rohs compliant



Change records

| PS Index    | PS Revision | Content   | Reason          | Date      | Changing    | Approval |
|-------------|-------------|-----------|-----------------|-----------|-------------|----------|
| 01          | 00          | AS Spec.  | Initial Release | 2021.5.6  | HaiYan Ding | Hanson   |
|             |             |           |                 |           |             |          |
|             |             |           |                 |           |             |          |
| DRAWN       |             | CHECKED   |                 | RECHECKED |             | APPROVED |
| HaiYan Ding |             | LiJun Sun |                 | David     |             | Hanson   |