

Specification for Soft Magnetic Cores

Date:
May.2021

Customer:

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Part NO:

NO 1259025

Spec No:

H3055

REV.00

Core design: CMC cores

Bare Dimensions (in mm) :

OD×ID×Ht: 125×90×25

Finished Dimensions(in mm):

OD: 129,5 Max

ID: 85,4 Min

H t: 30 Max

Core Material:Nanocrystalline

Type of Finish: Epoxy Coating

Rohs Directive

Rated Dimensions:

A_{Fe} : 3,28 cm²

L_{Fe} : 33,8 cm

M_{Fe} : 797,5 g

Characteristics:

- 1 Setting values: 10KHz,0,3V N=1
Specified valu 82,5 μ H $\leq AL \leq$ 154 μ H
- 2 Setting values: 100KHz,0,3V N=1
Specified valu 15 μ H $\leq AL \leq$ 29 μ H

Testing device: Tonghui TH2826A LCR Meter

Nanocrystalline material :1K107B

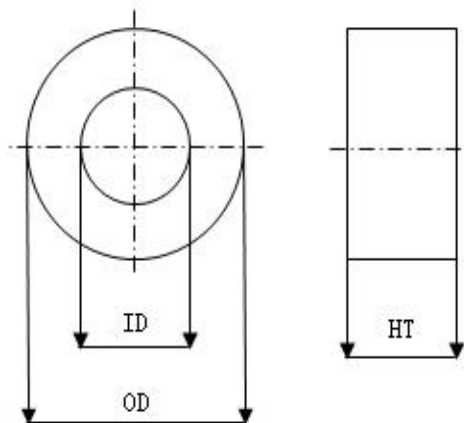
Saturation flux density $B_s \geq 1,25T$

Permeability level μ : 90000 @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 |
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| | | | | | | |
| DRAWN | | CHECKED | RECHECKED | APPROVED | | |
| HaiYan Ding | | LiJun Sun | David | Hanson | | |