

Specification for Soft Magnetic Cores

Date:
Apr.2022

Customer:

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Part NO:

CAH151005

Spec No:

H6003

REV.00

Bare Dimensions (in mm) :

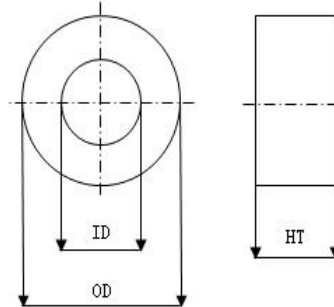
OD×ID×Ht: 15×10×4,5

Finished Dimensions(in mm):

OD: 17,5 Max

ID: 7,7 Min

H t: 7,1 Max



Core Material:Nanocrystalline

Type of Finish: Plastic Box (PBT) , Spongy Cushion

Rohs Directive

Rated Dimensions:

A_{Fe} : 0,08 cm²

L_{Fe} : 3,93 cm

M_{Fe} : 2,5 g (Typ)

Characteristics:

- Core Loss: $f=50\text{kHz}$ $B_m=0,4$ T
 $P_s \leq 65$ W/Kg

Testing device: MATS-3010SA Soft Magnetic AC Measuring Device

- DC Squareness Ratio
 $B_r / B_s \geq 88$ %

Testing device: MD-2100SD Soft Magnetic DC Measuring Device

Material : Cobalt Based Amorphous

Saturation flux density: $B_s \geq 0,55$ T

Operation Temperature range: -40°C~+120°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	2022.4.26	HaiYan Ding	Hanson
DRAWN		CHECKED	RECHECKED	APPROVED		
HaiYan Ding		LiJun Sun	David	Hanson		