

## Specification for Soft Magnetic Cores

Date:  
Apr.2022

Customer:

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Part NO:

CAH120805

Spec No:

H6002

REV.00

**Bare Dimensions (in mm) :**

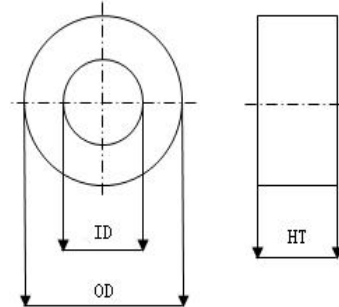
OD×ID×Ht: 12×8×4,5

**Finished Dimensions(in mm):**

OD: 14 Max

ID: 6,3 Min

H t: 6,7 Max



**Core Material:**Nanocrystalline

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

**Rohs Directive**

**Rated Dimensions:**

$A_{Fe}$ : 0,07 cm<sup>2</sup>

$L_{Fe}$ : 3,14 cm

$M_{Fe}$ : 1,61 g (Typ)

**Characteristics:**

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

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

- 2 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